

gcattgctggt	ttcaatgtgg	acctcatgag	caagaaaatt	catctgactg	agaatgggat	1440
aagggtggat	attggcgata	caataatcta	tctggttcat	taaactcatg	cacattggag	1500
atctatcctg	gtttcttagg	aataactacta	ctctgattgt	gtctactgat	tggctatcag	1560
aaccttaggc	tggacctaata	tagattgatt	tcattttctaa	ccatccaatt	ctgcatgtat	1620
tcataattct	atcaagtcat	ctttgattcc	tggacctaata	aaatTTTTTT	tccctttctt	1680
tgggtgtcca	agagaaatgg	tttttgccaa	actcttttta	aaaaacaaat	tgttgctatt	1740
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gtgtacttta	tactttgatg	aaggctaagg	tgtacctaac	agctttttat	agtatatcca	1860
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ttcaattact	aagtattttg	tataaagaac	aaatagggtcc	tgcatTTTtT	aagactTTTT	2040
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gtgccattgc	actccagctt	aggcaacaag	agtgaactc	tgtctcaatc	aatccatcaa	2520
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<210> 5466

<211> 4305

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(3140)

<223> similar to gi4240219 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5466

cgagcaagtg	gaatgtgtac	aagagggagt	taccatggaa	acagcatatt	ctcctggtaa	60
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tgaagaaagt	caaatgattt	ggtcagtggg	atcaaatTTT	ccaaaaaac	tacaaagtct	180
cctagaatcc	tcaaacacaa	atgcgggtga	ctcccccatg	aaggatggga	atgggaatgt	240
tgccctcaaa	gaccacggta	cagccttcac	catcatgcac	tacgcaggaa	gggtaatgta	300
tgatgttgtt	ggggcgattg	aaaaaaataa	agactccctt	tcacagaatc	ttctatttgt	360
aatgaaaact	agtgaaaatg	tcgtgatcaa	tcatttgTtc	cagtcgaaat	tgtcacaaac	420
aggatccctc	gtatctgcct	atccttcctt	taaattccga	ggacataagt	ctgccctgct	480
cagtaagaaa	atgacagctt	cttcaattat	tggagaaaac	aagaattatc	tagaacttag	540
taagttatta	aaaaagaaag	gaactttctac	atttcttcaa	agattggaac	gaggagatcc	600
agtcaccata	gcatacacaac	tcaggaaatc	actaatggat	attattggaa	aacttcagaa	660
gtgcactcca	cacttcattc	attgcatcag	gcccataaac	tcaaagctgc	cagatacttt	720
tgataatttt	tacgtgtctg	ctcagctaca	atatattggg	gtcctggaga	tggatgaagat	780
cttccgatat	ggataccctg	ttcgcttttc	cttctcggat	ttcctgtcaa	ggtataagcc	840
actggctgat	acattcctgc	gtgagaagaa	ggaacagtca	gctgccgagc	gatgtcgact	900
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ctgccaaaaa	gttatcagag	gattttttage	acgccagcac	ctgcttcaga	gaataagcat	1080
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gattccgggc	tgcaacaaca	gaaggctgcc	ttctgacatg	cgtcggggct	tctctccacg	3240
catttagaca	aaaaaagcac	aggacacaga	cactaaatat	atgagatccc	gtgtgtgtgt	3300
gtgtgtgttt	gtgtgtgtgt	gtgtgggttc	tttcttatcc	atctcggggg	gatacactct	3360
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<210> 5467  
 <211> 2436  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (13)...(1228)  
 <223> similar to gi3808148 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5467

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ctggtggagt	ccgtacacgg	ggactttctg	aacgtggtgg	gattcccgt	gaaccacttc	180
tgcaagcagc	tggtgaagct	ctactaccgg	ccccgtccgg	aggacctgcg	gcgagtggtc	240
aagcacgact	ccatcccggc	cgcggacacc	ttcgaagacc	tcaagtacgt	ggaggggggt	300
ggctcggagc	ccactcagag	ggacgcgggc	agccgcgatg	agaaggccga	ggcgggagag	360
gcgggacagg	ccacggcaga	ggctgagtg	cacaggactc	gggagaccct	gcctccgttc	420
ccgacacgcc	tccctggagct	gattgagggc	tttatgctat	ccaaggccct	gctcaccgct	480
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gggagctcag	cgcattccag	tttcccccg	gctccgctcc	cagctgctgt	tcccgccctg	1740
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ggtgcaagct	ccgcctccca	ggcggcctgt	ttcaaggtgc	aacccccacct	cccgggcggc	2280
ctattttcaag	gggcaagccc	tgcctcctgg	gcggcctata	tcaaggtgcg	agctctgcct	2340

```

cccaggcagc ctattttcaag gtgcaacccc gcctcctggg cggcctatatt caaggggcaa 2400
gccccgcctc ctgggtggcc tattttcaagg ggcaag 2436

```

```

<210> 5468
<211> 1129
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1114)...(387)
<223> similar to gi4579696 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 5468
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gtgggggtca cccaggggccc acttcgtgcc cccaccctgc cccaccctg ccctgctcac 180
tcccagccgc tgctcccctt cctaaagagc agtccctgct tgagagctct gaggagcaac 240
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tgtcaggagg gccagcagca cccccaggc ttgtcccaa ggttgggcgg tttggggctg 420
gcgggcacgt tctccaggac ctacgcagg gagaatgtac aaaaggaaat ctcatcatag 480
gaggtcctgg ccccgctctc gtacaggcag gcaaaaacca ggccccctc aggggccggc 540
ccgatggacg ccaggtcgga gtagccgctg gggccctcgt agatcaccca gggctctgtc 600
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cgccccactg ggtgggagta cagcagccac gtggggctct ggggcggggc agcaaagggc 720
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tgcctggggc catccccccg aggtctcaga cggctgaagg gccaccagg cacctggcct 840
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cccagtgggc tccgggcatt gcagtagagg aagcgggaat tgcacctct 1129

```

```

<210> 5469
<211> 2414
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (6)...(1625)
<223> similar to gi5917651 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5469

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aagatggaga	ggaggaggag	gaagaggagg	aggaggaaga	tgaggaggag	gatgaggaag	180
aacaagaata	tgaacaggat	gagagagacc	agaaagagga	gggaaatgat	tatgacactc	240
gaagtgaggc	cagtgactct	ggttctgaat	ctgtttcctt	cacagatggg	tctgtcagat	300
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aactcaaata	tgtgcttcaa	gatgcaagat	ttttcctcat	aaagagtaac	aaccatgaga	540
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taaatcttgc	atttagatct	gcaaggagt	ttatcttaat	atcttctgtc	agagagagt	660
gaaaatttca	agggtttgca	agactttcct	cagaatcaca	tcacggagga	tctcctatac	720
actgggtgct	tccagcagga	atgagtgcta	aaatgctggg	aggtgtcttt	aaaattgact	780
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tttttctca	gtcttcaatg	acgagagcaa	tattaagaag	acattgctat	ctaattttta	2220
atctttttaa	atgaaaaatt	cctatgttca	gtagcgtggg	tgatgctatt	gtttagcctt	2280
cccctccaaa	ttgtatacat	tggcttgga	tggtcacaac	ttgcgtgcgt	ggcagcgga	2340
gacgattccc	atattctaca	ttgctactgt	tttgataaaa	ataaattggt	aaagattgac	2400
ggttaaaaaa	aaaa					2414

<210> 5470

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5)...(303)

<223> similar to gil109915 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5470

```
ggccgatgac tgtaccccc tgaaaaccat caccaaatTT tataaccacc ccttgcaCTt      60
tgTTTTcaat gacaccaagt tggacgctat gctggaagaa tTTaagaaag gTaaatctca     120
cctggctatc gtgcagcggg taaacaatga gggagaaggg gatccatTTt atgaagtTct     180
gggaatcgTc accttagaag atgtgattga agaaatcatc aaatctgaga tTcttgatga     240
aacagattTa tacactgaca acagaacgaa aaagaaagtG gTcaccggg aacgaaagca     300
agattTTTct gcctTTaagc agacagacag tgagatgaag gTTaaaatat caccacagct     360
cctcctgggc catgcaccgt tTcctaggca acagaagtag aagcatttag cccatcccag     420
a                                                                    421
```

<210> 5471

<211> 1139

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (28)...(912)

<223> similar to gi4240305 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5471

```
actcttacgt caagctaagg acgcggcacg cagcgctTTa ttgatgatgt cgtttctgct      60
gtcctgtTgt ccagctatgg ccagtcagca gcgatgcccG gctttgcagg agccatgtca     120
ctagccgggg cccaaggcag cctgtggtct gtggaaggag gcaataagct ggtttgtTcc     180
ggtttgctga agctcaccaa ggccaatgtg atccatgcca cagtgaCTc tgtgaccctg     240
cacagcacag aggggaaagc cctgtaccag gtggcgTatg agaatgaggT aggcaacagc     300
tctgactTct atgacatcgt ggtcatcgcc accccctgc accTggacaa cagcagcagc     360
aacttaacct ttgcaggctt ccaccgccc attgatgacg tgcagggtc tTccagccc     420
accgtcgtct ccttggtcca cggctacctc aactcgTctt acttcggTtt cccagacct     480
aagctTTTcc cTTtgccaa catccttacc acagattTcc ccagctTctt ctgcactctg     540
gacaacatct gccctgtcaa catctctgcc agcttcggc gaaagcagcc ccaggaggca     600
gctgtttggc gagtccagtc cccaagccc ctctttcgga ccagctaaa gacctgtTc     660
cgtTcttatt actcagtgcA gacagctgag tggcaggccc atccctcta tggctcccgc     720
cccagctcc cgaggTttgc actccatgac cagctctTct acctcaatgc cctggagtgg     780
gcggccagct ccgtggaggT gatggccgtg gctgccaaGa atgtggcctt gctggctTac     840
aaccgctggT accaggacct agacaagatt gatcaaaaag atttgatgca caaggTcaag     900
actgaactgt gagggtctTa gggagagcct gggaaactTt atccccact gaagatggat     960
catccacag cagcccagga ctgaataagc catgctcgcc caccaggctt cTttctgacc    1020
cctcatgtat caagcatctc caggtgacct actgtctgcc tatattaagg gtccacagcg    1080
cggctgctgc ttttttttaa gggggaaagt aagaaaagag aaggaaatcc aagccagTa    1139
```

<210> 5472  
 <211> 1786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1782)...(1562)  
 <223> similar to gi511965 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5472

tttttttttt	ttgaaaatga	acaaaataaa	gctttatttg	aactccctcc	cctacagatc	60
attcagatgc	ccgggaccat	gtccagggtc	ctctcagcaa	catggaaagc	taagccattt	120
cacaaacgca	caactgtagc	tacactacag	ccccccatgc	ccagggcaca	gctttgttgc	180
taagcctgta	acaaaagacc	accactcagt	atttgtgtac	cctgcagcca	acaccacctc	240
ctgggcttca	cagggttca	cacccaagag	gccagcaca	ccacgaccga	gtgggtactc	300
agtggcccg	acaccccccg	aacactggca	ctgccacaag	gccctgaagg	gtagactgtg	360
gggcaaagag	gacaaaactc	ccctccccta	agggaccggg	ctcactgggc	ctccttcccc	420
tgccaaccgc	cagcccctgc	atgcctagca	gggaggtaag	cacctactgg	cgtcgtgatt	480
tccattatct	tgctaattgt	gacagcacct	aagtcacatt	aaaacaaaga	gagactggat	540
ccagacctcc	aagtctcatc	attggacctc	agtggttctc	actgccccaa	ccacagagtg	600
aaggtcaggc	agcgtttgcc	aggatttggc	tctgaccaag	ttagtgctct	aacaagtcac	660
ctgagtttct	aatagcttcc	ctgaagaacc	caactatttg	gagtatgttg	cctctcctat	720
caagaggcat	ctgggggcac	aaaaatcttt	ctggatcaca	gcttgaagaa	acagaacata	780
actggagtag	cttcagaact	aaggcggcca	cattcacccc	accgcttagg	agttagctcc	840
attatacaca	accaagcaca	ggagaaacac	tcaccaggaa	aagatgccgg	aggcttgga	900
gttctcaagg	gaactgttta	gacagaggta	caaacatctc	caattcagac	ttccaaatac	960
actaacaata	attaaaaatg	tggcctctga	tcctcatgtt	tcctcaccag	tagaggcaaa	1020
aaaggagatt	ttcataacta	catgttaaaa	agaacatgtt	caagtaaate	cacacactac	1080
atgtgagtgt	tgcatgctgt	tcttcacaaa	tataaaagta	taaaaataag	atttctgacc	1140
tttgtatcta	gacagatctg	gagaaaacac	ggttgctact	agctaactag	ctctgtgtta	1200
tctgagcagg	cgcgctatcc	cagggcctca	ccttcctgtg	ctggctcaag	agggcagagg	1260
aatggagatg	gcaatgcctt	ttcattccag	gaaaccaaac	tcagatggca	gaaccagccc	1320
tagccatgtc	gcatagcctc	tccatgggtg	acactcctgg	gacctccaat	ggatggggaga	1380
aagggtctct	agcccagctt	cacgtgaggg	cgggtgtggg	catgtgtggg	gtgggggctg	1440
cttctggggac	gtaggaagac	gccaacctca	gggttacctt	ctgggaagga	caagccaggg	1500
cttgggtgcc	cgcccatccc	aagagcccca	caaggtgcca	gtcacttag	cagcagcctg	1560
cttgtccttg	cacttctggt	agacactcag	gatctctgcg	atgatgctgg	ggtcctccaa	1620
ggtggtagtg	tctcccagct	cctgggcctc	actagtgatg	atcttcctca	ggagccgccc	1680
catgaccttc	ccagacctgg	tttttggaag	acgtttcacc	accaggatct	catcaggcac	1740
agcatatttg	gcgatcttgg	tggccaccat	ggacttgagc	tgaccc		1786

<210> 5473  
 <211> 641  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (643)...(290)  
 <223> similar to gi3451335 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5473  
 attacgcaa gcttggcacg aggctactgc cctcactgga cttgggggggt ctggaccttt 60  
 ggccccctgcc ccctggggga cccagacctc tgggccctca cttctggccc ttacagagat 120  
 ccaggcatcc aacacccccca tccctgcccc agcgtctgag gtgttagtgg tggggggaga 180  
 agcccacat cccagactct ggtaaatgtc tttgctggtt ccttgcagct ggcagtgggg 240  
 gggaccccag cccaggccca ggcctaggcc tgggggtgggg atagggtcag atgaagaatt 300  
 cctctttcct cttgtgtccg tcgctgccat tgaaggaagc ttctcttgct tctccctggt 360  
 catccaagcc actggcttcg tgggtcagat aggaaccctt ctgccgtacc gagcaccaga 420  
 ccatgcccac tagcacacat atgatcagaa acaccagcag cgccaggatg ccgcccacaa 480  
 tggcataggg aaccgacgtc tgagcctcta ccaccgcacc agggtcgtag accacaagta 540  
 cgtagagcgc cctcgcatgg ccgtgcttat tggacgcctc gcaagtgtag gtgccgttat 600  
 ccgcggtatac cagaccggg agcgtgagcc gctctccac g 641

<210> 5474  
 <211> 485  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (33)...(212)  
 <223> similar to gi4469185 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5474  
 gaagcatcat cagccaagc ttggcacgag ggcactgtga gcagagcccc acatcctcgc 60  
 gcacgtcttc cctgggtctt ggcggccccg actgcgccat cacagtcaag agccctggga 120  
 gggagccggg gcgtgaccac ctcaacgggg tggccatgaa tgtgcgcact gggagcgccc 180  
 aggccgatgg ctccgactct gagaaaccgt gaggcaagcc cgtcacccca cacaggctgc 240  
 ggcatacccc tcagaccttg gagcccaagg ggccactgcc cttgaagtgg agtggggcca 300  
 gagtgtggcg gtccccatgg tggcagcccc ccgactgac atccagacac aaaggtcttg 360  
 gttctccag gagctcagg cctgtcagac ctggtgacaa gtgccaaagg ccacaggcat 420  
 gagggaggcg tggaccactg ggccagcacc gctgagtcct aagactgcag tcaaagccag 480  
 aactg 485

<210> 5475

<211> 1281  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(482)  
 <223> similar to gi4589566 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5475

tggaagacc	tttagccgtg	gttatcatct	tattctccat	cacagaattc	atactgggtga	60
aaaaccttac	gaatgtaagg	aatgctggaa	agcctttagt	cgctactcac	aacttatttc	120
acatcagagt	attcatattg	gtgttaagcc	ctatgactgt	aaggaatgcy	ggaaggccctt	180
cagactactt	tcacaactca	cacagcatca	gagtattcat	attgggtgaga	aaccttataa	240
atgtaaggaa	tgtggcaagg	ccttttagatt	gcgccaaaaa	cttactctac	atcagagcat	300
tcatactggc	gaaaaaccct	ttgagtgtaa	ggaatgtagg	aaggcccttta	gacttaattc	360
atcccttatt	caacatctga	gaattcattc	tggtgagaaa	ccctatgaat	gtaaggaatg	420
taagaaggcc	tttaggcaac	attcacacct	tactcatcat	ctgaaaattc	ataatgtaaa	480
aatctaagaa	agtcttttca	acttctgtgt	tatagaacat	tctatgaatg	tagtaattaa	540
tctattttgc	tccatacatg	caactgcgtt	ggcattagag	gttttatacc	attaaaagag	600
tgtgacaatg	tattgtagtc	catcatcact	caaacctgaa	acttcagcat	atttgttcta	660
aaaactaatc	ctgttataag	aatgagaaa	acatttaccg	tcattccctat	cccatcactt	720
tgtgtcatat	tggacaagac	gcttaactgc	tctgtgctat	aattttttaa	tttatgacat	780
ggtcatataa	gagtgcagca	gtttgacaca	ctttcaatca	agaggtggaa	ccctacatcc	840
ctctgttgta	tacaggaatc	tacatccctc	tgtgaactct	tggtcccgagt	agaatatggt	900
agacgtaact	gctgtgctgg	tttcttgact	cagactttac	tggtagggtt	acttcacctc	960
atggaaatga	cagaactgtc	ttggttacaa	agtctggcta	ctttgctgaa	gagaccacat	1020
gaagaggccc	tgaaaactac	gtagagaggg	agaggcacct	gctgaaccct	gtcttcttga	1080
catccaccaa	gataccagac	atttgagtga	aattttggat	ccaccagacc	agccaccagc	1140
taaatgccag	tgagcgactt	ggtaacctga	actgatgcca	tgtagaatgg	aagaattgac	1200
cagctgagcc	cctggcccaa	atttctgacc	cacaaaaaca	tgagatataa	taaaatggtt	1260
gttggtttta	gccactaaaa	a				1281

<210> 5476  
 <211> 1638  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> similar to gi4091819 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5476

cgctgggagg	gtacccgctt	ctcggagggtg	caggccctgc	cctcccgggg	ctcgtctggcc	60
------------	------------	-------------	------------	------------	-------------	----

ctgcagccct	tccttgtggg	tggccgcgcg	tacctggcac	tgggcagtga	tttctccttc	120
accagatct	accagtggga	tgagggacga	cagaagtttg	tacggttcca	ggagctggct	180
gtgcaggctc	ctcgggcctt	ctgctacatg	cctgctgggg	acgcccagct	actcctggcc	240
cccagcttca	agggacagac	gctgggtgat	agacacattg	tgggtgatct	cagtgcctag	300
ggggtgccga	ggcctctggg	ctcctcaggg	tggccactgg	aggatgggtg	ggggcctctg	360
tgagcaccac	gtatgcctgt	gtgaagacaa	gcgaccaacc	tgcatcatg	cccttgatc	420
cgcacacgcc	cagtgtgtac	aggcgacccc	cgtggactgg	cccaggagga	cgtgcatcat	480
cactgcaatc	agcatgaaca	ccaggcacc	ctgggacacc	taacgcccag	ttcccgtagc	540
cccaactgca	ggccccccct	actctgcagc	ctttcccatg	ctctgcccc	tgtctcatgc	600
acgagtgggtg	cggggtgctg	ggagcgaggg	gggcccgcac	ctcctgtcct	tgtgcttctc	660
cttctgcccc	tctggtcttt	cctgttgggtg	ctccaggcat	tgtttacctg	ctcttgctcc	720
ccgctgtagc	ccacagccat	atctgtcatg	cttccccggg	gccactcacc	cctgccccac	780
cccgctctgca	tgctcacatg	gacgcggacg	gacacactca	ttacacactc	acacgccccg	840
actgcacccg	gtgtccatct	ataaacatgt	cagggcacgt	gtgcatacaa	gcagattcag	900
cactgcctac	caggctctcc	tgttaccttg	cctctctgct	tggagggggc	ccctctgct	960
cacccccagc	gtgccccccc	cggaaactgat	aaggatgaga	atgggtgggtg	cagcttctga	1020
gggcctgctt	ggcctcctgg	gggcaaagcc	cctctgcccc	aagcaataac	aacagcagca	1080
gaagcaatcc	cggggagctg	ccaggggtgt	ctgtctctgt	tctccttgge	gtttccttca	1140
tggccgtgaa	tcccagctca	cccattggaca	gaagacctcc	cctcatctga	aagcctttct	1200
gccttccttc	ctgtagctgt	cgttttctca	ggcttggact	gtccccctgg	tcacctgtc	1260
tttgggatgt	ggcctttag	ctgggcgggc	tccttgggtg	gattagagag	ctggccgagc	1320
tgcaagcacc	tgagttacct	gcgagggtgc	ccagagtggg	gcttggcctg	agggcggtgt	1380
gcagccctgg	ccccaccagt	ccacagaggc	ccccaggagc	actgccttcc	agtggaccgg	1440
gtgggggctg	gtgggagggg	ccccactagc	tgagcttctg	ctgcccctctg	ctgtctgctg	1500
agatgccagg	ctagtggaga	gggcacacca	tgtgcccata	tgggtgtgatg	ctccttgtag	1560
caggatacca	gggtactggg	gggcaatgct	atgattaact	tgcttcaaat	aaaaagtcc	1620
cgccccataa	aaaaaaaa					1638

<210> 5477

<211> 3042

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3043)

<223> similar to gi5689549 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5477

catcaaatga	attgtcacaa	tactcgaata	atgcaagaca	cagaaaagga	tgataacaat	60
aatgacgaat	atgacaatta	cgatgaactg	gtggccaagt	cattgttaaa	cctcggcaaa	120
atcgtgagg	atgcagccta	ccggggccagg	actgagtcag	aaatgaacag	caatacctcc	180
aatagtctgg	aagacgatag	tgacaaaaac	gaaaacctgg	gtcggaaaag	tgagttgagt	240
ttagacttag	acagtgatgt	tgttagagaa	acagtggact	cccttaaact	attagcccaa	300
ggacacgggtg	ttgtgtcttc	agaaaacatg	aatgacagaa	attatgcaga	cagcatgtcg	360
cagcaagaca	gtagaaatat	gaattacgtc	atgttgggga	agcccatgaa	caacggactc	420
atggaaaaga	tggtggagga	gagcgatgag	gaggtgtgtc	tgagcagtct	ggagtgtttg	480
aggaatcagt	gcttcgacct	ggccaggaag	ctcagtgaga	ccaacccgca	ggagaggaat	540
ccgcagcaga	acatgaacat	ccgtcagcat	gtccggccag	aagaggactt	cccaggaagg	600



acgccggaca	gaaactactc	ggacatgctg	aacctcatgc	ggctggagga	gcagttgagc	660
ccccggtcga	gagtgtttgc	cagctgtgcg	aaggaggatg	ggtgtcatga	gcgggacgac	720
gataccacct	ctgtgaactc	ggacaggtct	gaagaggtgt	tcgacatgac	caaggggaac	780
ctgaccctgc	tggagaaagc	catcgctttg	gaaacggaaa	gagcaaaggc	catgagggag	840
aagatggcca	tggaaagctg	gaggagggac	aatatgaggt	catatgagga	ccagtctccg	900
agacaacttt	ccggggagga	cagaaagcct	aaatccagtg	acagccatgt	caaaaagcca	960
tactatgata	cctcaagaac	agaaaagaaa	gagagcaagt	gtccaacccc	cgggtgtgat	1020
ggaaccggcc	acgtaactgg	gctgtaccca	catcacccga	gcctgtccgg	atgcccgcac	1080
aaagataggg	tccctccaga	aatccttgcc	atgcatgaaa	gtgtcctcaa	gtgccccact	1140
ccgggctgca	cggggcgcg	gcatgtcaac	agcaacagga	actcccaccg	aagcctctcc	1200
ggatgcccga	tcgctgcagc	agagaaactg	gccaaggcac	aggaaaagca	ccagagctgc	1260
gacgtgtcca	agtccagcca	ggcctcgga	cgcgtgctca	ggccaatgtg	ctttgtgaag	1320
cagctggaga	ttcctcagta	tggctacaga	aacaatgtcc	ccacaactac	gccgcgttcc	1380
aacctggcca	aggagctcga	gaaatattcc	aagacctcgt	ttgaatacaa	cagttacgac	1440
aaccatactt	atggcaagcg	agccatagct	ccaaggtgc	aaaccagggg	tatatcccc	1500
aaaggatatg	atgatgcgaa	gcggtactgc	aaggacccca	gccccagcag	cagcagcacc	1560
agcagctacg	cgcccagcag	cagcagcaac	ctgagctgcg	gcgggggcag	cagcgcagc	1620
agcacgtgca	gcaagagcag	cttcgactac	acgcacgaca	tggaggcggc	ccacatggcg	1680
gccaccgcca	tcctcaacct	gtccacgcgc	tgccgcgaga	tgccgcagaa	cctgagcacc	1740
aagccgcagg	acctgtgctc	cacgcggaac	cctgacatgg	aggtggatga	gaacgggacc	1800
ctggacctca	gcatgaacaa	gcagaggccg	cgggacagct	gctgccccat	cctgaccctt	1860
ctggagccca	tgtcccccca	gcaacaggca	gtgatgaaca	accggtgttt	ccagctgggc	1920
gagggcgact	gctgggactt	gcccgtagac	tacaccaaaa	tgaaaccccc	gaggatagac	1980
gaggacgagt	ccaaagacat	tactccagaa	gacttggacc	cattccagga	ggctctagaa	2040
gaaagacggt	atccccggga	ggtgaccatc	ccaagtccca	aacccaagta	ccctcagtgc	2100
aaggagagca	aaaaggactt	aataactctg	tctggctgcc	ccctggcgga	caaaagcatt	2160
cgaagtatgc	tggccaccag	ctcccaagaa	ctcaagtgcc	ccacgcctgg	ctgtgatggg	2220
tctggacata	tcaccggcaa	ttatgcttct	catcggagcc	tttcagggtg	cccaagagca	2280
aagaaaagtg	gtatcaggat	agcacagagc	aaagaagata	aagaagatca	agaacccatc	2340
aggtgtccgg	tccccgggtg	cgacggccag	ggccacatca	ctgggaagta	cgctgcccac	2400
cgcagcgctt	ccgggtgccc	cttggcggcc	aagaggcaga	aagacgggta	cctgaatggc	2460
tcccagttct	cctggaagtc	ggtcaagacg	gaaggcatgt	cctgccccac	gccagggtgc	2520
gacggctcag	gccacgtcag	cggcagcttc	ctcacacacc	gcagcttgct	aggatgcccg	2580
agagccacgt	cagcgatgaa	gaaggcaaa	ctttctggag	agcagatgct	gaccatcaaa	2640
cagcgggcca	gcaacggtat	agaaaatgat	gaagaaatca	aacagttaga	tgaagaaatc	2700
aaggagctaa	atgaatccaa	ttcccagatg	gaagccgata	tgattaaact	cagaactcag	2760
attaccacga	tggagagcaa	cctgaagacc	atcgaagagg	agaacaaagt	gattgagcag	2820
cagaacgagt	ctctcctcca	cgagctggcg	aacctgagcc	agtctctgat	ccacagcctg	2880
gctaacatcc	agctgccgca	catggatcca	atcaatgaac	aaaattttga	tgcttacgtg	2940
actactttga	cggaaatgta	tacaaatcaa	gatcgttatc	agagtccaga	aaataaagcc	3000
ctactggaaa	atataaagca	ggctgtgaga	ggaattcagg	tc		3042

<210> 5478

<211> 2048

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (367)...(807)

<223> similar to gi3417289 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5478
ctacgatcat tccgccaagc ttggcacgag gccgtaggcg ctcccggggcg ctggcggcg 60
cggaggagag ggagcagcgt cacgggcgcc cggcccgtta aaacgctgct ggctggagcc 120
acctccctcc ctgcagcccg caacgggaat ggagtaaagg gagaccgctc gacctggcca 180
cggggatcag cgatggaatt aaagcaatct ttgtccaccc atctggaagc cgagaagcct 240
ctgaggcgct atggggcggt ggaggagacg gcttggaaaa cggagagact ggggagaaat 300
cagctggaca tcatctccat ggcgagaca accatgatgc cagaggagat tgagctggag 360
atggcaaaaa ttcagcgtct ccgggaagtc ttggtccgcc gggagtctga gctcaggttc 420
atgatggatg acatccagct ctgcaaggac atcatggact tgaagcagga gctgcagaac 480
ttggtcgcca tcccagaaaa agaaaaaacc aaactgcaga agcagagaga ggatgagcta 540
atccagaaga tccacaaact ggtgcagaag agagacttcc tggaggacga tgcggaggtc 600
gagcgggttaa gggagcaaga agaagacaag gaaatggctg atttcctgag aatcaagtta 660
aaacctctag acaaagtaac caaatctcca gccagctccc gggcagagaa gaaagcagag 720
ccccaccta gcaagcccac ggtggccaag acggggctgg cactgatcaa ggattgttgc 780
ggggccaccc agtgcaacat catgtagccc ccacgtgggg tgccctgggc catggggacc 840
cccccccacc ctcttgtctt tatagcccc atttcaccgg ggcccaagag ctctccaagg 900
cagaaggggt tgaaggcaag cccgtgactg tcaccagagg ccatggggcac ggcaggcggg 960
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gcctggactg gcatggatcc agtgtgcaga agagccagca gggaaccgga agctctgatg 1560
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aatggaaacc acgttcacag cattttaaaa gtttttactt tttttcttga ttatggaagt 1980
aatccatgta catagtaaat cattttaaaa gtacaaaaag tatgaagaag tttgtcttaa 2040
aaaaaaaa 2048

```

<210> 5479

<211> 1465

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (12)...(1402)

<223> similar to gi3510639 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5479

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acctcccaac caccagtgtc atcatgtgct ttgtggatga agtgtgggcc actctcctga 120
gatctgttca cagtgtcatc aatcgctctc ctccacacct catcaaggag attctgctgg 180
tagatgactt cagcaccaaa gactatctaa aagataattt ggataaatac atgtcccagt 240
ttccaaaagt tcggattctt cgcctcaaag agagacatgg cttaataagg gccaggctgg 300
caggagcaca gaatgcaaca ggtgatgtgt tgacattttt agattctcat gtggaatgta 360
acgttgggtt gttggaacct cttctggaaa gagtttattt aagtagaaag aaagtggcct 420
gtccagtaat cgaagtcata aatgataagg atatgagtta catgacagtg gataactttc 480
aaagaggcat ctttgtgtgg cccatgaact ttggttgagg aacaattcct ccagatgtca 540
ttgcaaaaaa cagaattaaa gaaactgata caataagggtg ccctgtcatg gctgggtggat 600
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ttgaaaaata ttatgaagcc tgaagtgtaa ctgatgtttt tatatagtaa acccattaaa 1440
tactgtgaaa ataaccctga aaaaa 1465
```

<210> 5480

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (127)...(214)

<223> similar to gill172146 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5480

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tcttcagaga caggacagga acgagagcca ggctctggtc cggccgtgtg cgagttcttc 180
agcgttgccc tccacatctg gagtaacata ttggtagggtg tgttttgatg aaggaaacat 240
gactccacct tctccattg gccttccag ggaagtagca gaaatctaag aaggtcaggg 300
ggaggagcta acttcagcta gaagtctcat tatcagccag gaggattgat gaccaaatag 360
aaaaaagtaa tttttaaaag gctttatttc cctgcccatc tcttc 405
```

<210> 5481  
 <211> 6845  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (6595)...(5150)  
 <223> similar to gi2337952 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5481

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ggcacagcag	cgcggagccg	gcagggccac	ctcctcctct	acacacaagc	atgtggcact	180
tagcgcgcca	acacacacct	gtcagtttct	acagggaaca	cgacacagct	tttcaaaagg	240
aattcttcta	aacatttgct	ttcatatttc	caaaagggga	gggagggcag	gaagaaccac	300
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gcttcaatgc	ggagtcacga	gcaactcgca	ggaaccacac	acatgattgg	acaagtctgt	420
acataaaacc	ccaaaagaac	atcagttttg	tggacaatgg	tttctctctg	tgtaaagaaa	480
cgtatgcata	tatgatcagt	aagcagctca	catctttctg	aatgtcaagg	tctacaggat	540
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ggagaaacac	ttttgggaat	aattttattg	aataacaacc	accactcaat	tacactaagc	660
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cttttggtct	aaactgacca	tttccccctt	tctttttgag	ttttccatga	ttaaacttgc	780
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tttcttctat	cacaacatag	ttgggtagtt	cccttaaagt	acatcattgc	tataagttgg	960
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<210> 5482

<211> 1477

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1478)...(496)

<223> similar to gi3880930 in the genepept database release 114,

Run with FASTXY.3.3t00; default parameters

<400> 5482

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tgtcttgctt	ttctgccaca	gcaagtctat	cagcatccgg	gtcgttagct	aaaacaattc	1380
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<210> 5483

<211> 2150

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2028)...(1258)

<223> similar to gi220637 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5483

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tacttaaaat	tcattttgaa	aatacaatct	cagataactc	aaaccaaag	tgctgaccat	360
tggttttctc	cagaatactc	agttctaaat	gaacaaaaat	ttatatgcac	ttttctagat	420
tttgagaaac	atttttgttt	cattagaaaa	gttatttcta	acaatatatt	aatagagaaa	480
tagcacaatt	cttattcagc	gcctaaattt	ttacgagcga	aaatatgaaa	ttttattttt	540
atgcatagtt	tatgtattga	tccatggggc	ttacaaatag	caacacactc	ttgggctgat	600
actatcgtgg	attttgctta	aattatgagg	gcaggaaaat	tttaaaatcc	cacaggtcac	660
aactgaatca	cattaactgg	ctgatttagt	aatgaaggg	caattctaaa	atgcaaaaata	720
aaaatggaat	taaggcagct	ttaaaagaaa	ataaaactca	tccacccaaa	atagtgtctac	780
ataattcatt	acttaaaaag	ctctctgtgg	agtatagaca	taaagccaaa	aataaaaaca	840
aacattgcag	ttgtgatgca	gcacaggtg	cttttacttc	agtgaatgaa	aaataatggt	900
cacaactcaa	atgaatggga	atttaatatg	aataatgca	ccttaccaga	gatgtttgct	960
accaatgata	tcttagcaat	tccatattcc	ttacaaagtc	agtataattg	ttgtaaaaaa	1020
atcaactgtg	gttctgaata	cccattcaca	gttgacctca	acaatgtatc	tgatgtagga	1080
gactgagtat	ccgtgacagg	cagaagcatg	tgatggctct	cagtccaag	tgggaagagct	1140
aatggtaaag	tcatatcaga	aggcttcaca	tccatagttt	ctgataaagg	acttttttgt	1200
atggaatcct	gttactcaa	agtatgatcc	tctgcactgg	agtctagagt	tttatctgca	1260
ccagaatgga	cttttgtttt	gtgcttcttt	aaatttttaa	tatctgtgta	agaatttcca	1320
cataattcgc	agataaatgg	tctttctcct	gtatgggacc	gaaagtgttt	gttgagctct	1380
cctgaggaaa	taaaactttt	cccacaaata	ccacatatgt	atggtttttc	acctgtatgt	1440
tttcgagaat	gagtgataag	agaactagag	acagcaaatg	ccttcccaca	ggtatcacat	1500
acataaggct	tttctccagt	atgcctacgg	acatgatagg	tcagtgtgct	ggcttgagca	1560
aatctctgtc	cacacctatc	acagacatat	ggcttctctc	cactatgctt	ccttgcatga	1620
atcttgagat	tgctagaagt	tgcaaactgt	aagttgcata	catcacattt	atagggtttt	1680
tcttcacat	gatgcatgag	actatggaag	actagctgac	atttctgagc	aaatccttta	1740
tcacacaatt	cacatttgta	tggcttctca	cctgtatgag	ttcttacatg	cgttttcagc	1800
tggttacatt	gggtaaatgc	ctttccacat	aagtggcaga	cgtaagggtt	gactccttta	1860

tgtattctca	tgtgccttct	caaactgctg	gcttctgaaa	acactttccc	acatgtgtta	1920
cacattggct	tggccttgga	atacctctga	tccagctctt	ccccggagtt	ctccgcctca	1980
taaggactct	tgacgctggc	tatattagac	atagagtgtt	ctttcagagc	acagtttggc	2040
tgtgattttc	cacgtttccg	tttcactgta	acagtgtgca	caatatcttg	tgctggaaaa	2100
gtattttcca	caactgatgt	caactcgagt	tctgaattat	catttataag		2150

<210> 5484

<211> 1760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1762)...(1496)

<223> similar to gi3327164 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5484

gttgttcaat	taagaaacat	ttattctttt	ctaaatgaaa	gtgaaattgc	agttgtaagt	60
atgaacttaa	gaaacattgg	ttttacaaga	taactagcta	tatgaccatg	accttaagggt	120
gtgatatggt	ttggctctgt	gtctccaccc	aaatatcttg	tatctcccat	tattccatgt	180
tgtgggaggg	gcctgggtgg	aaataattta	atcacggggg	cagggtctttc	ccatgctggt	240
ctcgtgatag	taagcctcat	gagatctgat	ggttttaaaa	atgggagttt	ccctgcacaa	300
gctctctctc	cttgctctgt	gccatccatg	taagatgtga	cttgctctct	tttgcttcc	360
accatgattg	tgaggcctcc	ttagtcatgt	ggaactgtaa	gtccattaaa	cctctttctt	420
ttgtaaattg	cccaatctca	ggtatgtctt	tatcagcagc	atgaaaatgg	actaatacaa	480
ggtgctagac	aagggtgatta	aaggctctat	aaattctaaa	ttgtgcaatt	ctaagacatt	540
cttggcattt	tacatgtcta	gatgactgcc	atcttttttt	taatattttt	ccctcacatg	600
ttccagtcta	ttctcattac	agaagaatac	gtttaacata	cagttacaga	aacagagggt	660
ttaaataaat	atttaaaagt	aacttcaaaa	tatatttgca	ctgaaatatg	gaggcaaaat	720
tgtttctgag	tcaggaaaca	tttattcttc	cccataaatt	taaattggagg	tgaaactgtg	780
aatatgaagc	aaagaacatt	tatctcacia	ggtaactctg	aattctttta	attctgaaac	840
cagagacatg	tacaacactt	acagcattca	cacaacacta	ttttcaaaat	aggtttttga	900
cccctaaaaa	tgaaaattct	tagtgacaag	ctttagatat	gaaacttagc	ccagtgggta	960
ttcactttgt	cacaaaaagc	aactacagac	aaatagtttt	tccctctccc	cgacacaaaa	1020
actgaaatta	cagactttta	aagcagaaaa	aattttctcc	aaaatgcaaa	tgattaagggt	1080
ccaaggaaca	aatgaacaga	agatctcaat	tattcaattg	agcgagtgat	ttagtttgca	1140
tattaactcc	ttttcttact	acttcttgat	atctgattct	ggcaatattt	atcttgatc	1200
tactgggcaa	gacactggga	acacaaagaa	attttagaca	agggtccagt	gtatgctggt	1260
aaaggtttaa	caactagctc	ttaagggaaa	ggtaggtctt	cacttatagc	atttctatgg	1320
tgtaaatact	ccaattgccc	cagatttcaa	gctagcaaca	atgtgacaac	tgtctcacia	1380
aattcctcaa	actaacgatt	gtcactcata	agacattaca	agccagctcc	aacacaccac	1440
cgtacagtct	ccaccttcaa	gtagttcata	atctcttcat	gggtaccttg	tatcagatct	1500
tgggcaactg	ccggctgggg	tgaccagggg	attcttctgg	tagcaaaaac	tggagtctgc	1560
acgttggaca	tgtccctgt	tgcacaaacc	atggtctaat	gcaactgagca	tggaaattgt	1620
gagcgcaagg	caaaactgaa	agattttctg	gagacagatt	ctcatgacag	atcacacaag	1680
gctcttcttc	ttctcttccc	tcatctggat	tactggctcc	ttcccatgtg	gcaggaccct	1740
gtgaagtgag	tggcctccag					1760



<210> 5485  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (397)...(71)  
 <223> similar to gi48676 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5485

cgcggtatct	cgcagccct	gagaagctca	tcaagaggat	aaaactgcct	tagctcggtg	60
agtactttca	ctttttcgtg	ggatgagcta	aggctttcag	cttttttaga	tacataagcc	120
gcgtttcaag	aaatcgaaact	tgcttttcaa	gacctcaat	gcgtcggtct	tttgacagct	180
ccaatgctga	tgccgctttt	tctggatcaa	ctgatattgc	aatgtttctt	ttggtgcaa	240
tcttgagcgc	gcgtaaacca	gcttctccgc	gctcttcata	gaccttcagc	cacctggcta	300
cagaaccact	accagcaagc	ataaagtgag	cagcagcctg	attaagggac	atgtgctgct	360
cgatcacagc	tttcacgacc	ttaatacgca	actct			395

<210> 5486  
 <211> 540  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (9)...(150)  
 <223> similar to gi4062479 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5486

aaggcgggag	tgccgcaatg	agcggcgaag	cggcggtttta	cggcctgcaa	ccggtagata	60
gcgatctgca	cgcgtttgct	gcacatcagt	cggtgttgaa	ggcctacgaa	aagctgcagc	120
gcgccaaagc	agcattctg	gcaaaataaa	atcaaatagc	ctacgcaatg	taggcttaat	180
gattagtctg	agttatatta	cggggcggtt	ttttaatgcc	ccgctttaca	tatatattgca	240
ttaataaaat	aattgtaatt	ataagggtta	atatcggtta	tttgtattta	ataaatacga	300
tcgatattgt	tactttattc	gctgatgct	cccttttaat	taactgtttt	agcggaggat	360
gcggaaaaaa	ttcaactcat	ttgttaattt	ttaaaattta	tttttatttg	gataatcaaa	420
tatttactcc	gtatttgc	aaaaaccatg	cgagttacgg	gcctataagc	caggcgagat	480
atgatctata	tcaatttctc	atctataatg	ctttgttagt	atctcgtcgc	cgacttaata	540

<210> 5487  
 <211> 718  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(477)  
 <223> similar to gil552811 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5487

gatggtgaat	aaaaacatcg	ccgatagctt	cctgcccgc	ttaagcaaac	aatggcgga	60
aagcggcgtg	acattacacg	cagatgcagc	tgcactggcg	cagttgcagg	caggccctgc	120
gaaggtggtt	gctgttaaag	ccgaagagta	tgacgatgag	tttctgtcat	tagatttgaa	180
cgtcaaaatc	gtcagcgatc	ttgacgatgc	catcgcccat	attcgtgaac	acggcacaca	240
acactccgat	gcgatcctga	cccgcgatat	gcgcaacgcc	cagcgttttg	ttaacgaagt	300
ggattcgctc	gctgtttacg	ttaacgcctc	tacgcgtttt	accgacggcg	gccagtttgg	360
tctgggtgcg	gaagtggcgg	taagcacaca	aaaactccac	gcgcgtggcc	caatggggct	420
ggaagcactg	accacttaca	agtggatcgg	cattggtgat	tacaccattc	gtgcgtaaat	480
aaaaccgggt	gatgcaaaag	tagccatttg	attcacaagg	ccattgacgc	atcgcccggg	540
tagttttaac	cttgtccacc	gtgattcacg	ttcgtgaaca	tgtcctttca	gggccgatat	600
agctcagttg	gtagagcagc	gcattcgtaa	tgcgaagggtg	gtaggttaga	ctattatgat	660
gggcaccatc	taagatcata	tctgttcctg	aagatctccg	ggtcgcgaca	tagaattg	718

<210> 5488  
 <211> 461  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (460)...(359)  
 <223> similar to gil651274 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5488

ctacgaattc	aatgtccgta	cccgtacatc	gtatagaatg	gacttgcctt	gaccttacct	60
aagttacatt	gattgcggtt	aaatgtaaag	atattgctgg	tttattgttt	gtttttgcga	120
gatgcgccgc	accattccga	agcaaaattc	ttaaaatgca	ctcttttagt	gctaccgctg	180
gattactgtg	gtgcaactag	gttgactga	tgctgtttca	gggtttgcct	tgtataacaa	240
agcaatagat	gtgccaaagt	tggataggag	aatattgtta	tccggataat	gcactgatgc	300
cgcacccggt	gagcgtgccg	aaatatggga	tgtattccgg	cacgataaga	agggattatt	360
tacgtcgctg	acgcagactc	atcaacacag	cagcaaaacc	aaacaatgcc	gtcagcaccc	420
acagcggcca	gttgccggta	cgtgcgtatg	gtgtgatttc	g		461

<210> 5489  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (44)...(371)  
 <223> similar to gil48183 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5489  
 tatgaccacg attacggatt cgatgtccgt acccggtacat cgtcccgact gtaaccaccc 60  
 tgagattacc ctgctgaaga cgcttctggt caaccagact aatccggtcg atctctcatc 120  
 gctgcatcag caaaatgccg taccgccgcg cgtcgcaaaa caactctgcc gtttactacg 180  
 cctggccatc atttttgcca gccgtcgccg tgacgatctc gtgccagaga tgacattaca 240  
 ggctaaccat gaactgttga ccttgacgct tccgcaaggt tggctaaccc aacatccgct 300  
 gggtaaagag attattgctc aggaaagcca gtggcagagc tatgtccact ggccgctgga 360  
 agtgcattaa tgagtaagtg ccggatgcga tgctgacgca tcttttcgg ccttgattat 420  
 ttccctcgg 429

<210> 5490  
 <211> 537  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (8)...(356)  
 <223> similar to gil742763 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5490  
 tgacagacat agtcagaaca gttatcgcg cttattgaaa atcatgccga cggcaaccaa 60  
 tgcgcgcaat ttcactcagt gcgactcaat gctgattggc gctaattgtg gggcgcatatc 120  
 cttcccgat gttgagtgtc gtaacaatag tgcgcaactg gaacacgagg caacgacatc 180  
 acgtattggt gaagatcaac tgttttactg cctgcaacgc gggatcagcg aagaagacgc 240  
 catctcgatg attgttaacg gtttctgcaa agacgtgttc tcggagctgc cgttgaatt 300  
 tgccgttgaa gcacaaaaac tcctcgccat cagtcttgaa cacagcgtcg gataaggaat 360  
 aaacatgtta agtattaaag atttacacgt cagcgtggaa gataaagcta tcctgcgcgg 420  
 attaagcctc gacgttcac cggcggaagt tcacgccatt atggggccaa acggttcggg 480  
 caaaagtacc ttatcggaac cgcttgccgg gcgagaagat tatgaagtga ctgtccg 537

<210> 5491  
 <211> 471  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(357)  
 <223> similar to gi2367273 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5491  
 tgctgctgcg tccggaaatg acttatgaaa aattaaccac gctgacgccg tttgcccctg 60  
 cgttgacaga cgaacaggcg gcggaacagg ttgagattca ggtaaatac gaagggtata 120  
 tcgcgcgccg gcaagatgag atcgaaaagc agctgcgtaa cgagaacacc ctgctacccg 180  
 cgacactgga ttaccgccag gtatccgggc tttctaacga agtgatcgcc aaacttaacg 240  
 atcacaaacc agcctctatc ggccaagctt cgcgtatttc tggcgtcacg cctgcggcca 300  
 tctccattct gctggtgtgg ctgaaaaaac agggatatgt gcgtcgtagc gcataacgca 360  
 ttaaaaatgc ctggtaagca ccgcttacc aggcaacgca tcaagaacag gtaatcactg 420  
 tgctccacga cctctcagtt gtgtatcaaa cacgcaggta tctctctcgc c 471

<210> 5492  
 <211> 444  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (25)...(316)  
 <223> similar to gi4062503 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5492  
 ttactaatc catgtcgcgt cccggagatc agccccactg taaggcggt cgcgggatca 60  
 atgcgcgtcg gctccgggac ggcgtggtg ggcgatggc ctacggtcgc tgcgcgaatc 120  
 aacgaatat cgcgcgttg catcgacagt tttgtgctt cgggctatcc gcatctggaa 180  
 gaagcgtatc ggggtggcga gttgctgttc ccgcttctgg atgtcgccat cccggaaatt 240  
 cccagccgc agccgctgaa tccgcaaggc gaagcgggtg cgaatgattt tatccccgt 300  
 aaagtcgcgc aaagctaagg aagaaataat ggcaacgcca gtgaagaagt ggttattgcg 360  
 cgttgcccc tggtttttac cgggtgggcat cgtggcggtg tggcaactgg gtcctcgggt 420  
 tggctggctg tcgacgcgta tttt 444

<210> 5493  
 <211> 469  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(241)  
 <223> similar to gi405858 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5493
cgctggtggt tggtggaat attcaggata ccaccgtct gtggtggag ggctggattg      60
ccagtcaaca aggatggcgc attgatgtcc tcgcccactc gctcaatcaa ctacgccctg      120
aactattcga aggccgtaca ttgctggtgt ggtgcggtga aaatcgaacc tccgccaac      180
agcagcaact caccagttgg caagaacaag gccatgatat tttcccactc ggcatttaat      240
gattcgttaa caaatgcgct ttactgtaca atcctttcgt taacataagg agtgcattat      300
gcgcatagct aaaattgggg tcacgcacct gttcctgttt atggcgtag gcggaattgg      360
tggcaacatg ctgcaggtt atacctttat ttggcgtgca aggtaagtga gtgcggcaac      420
ctctatgatc atcccgttcg cgatgatgtg agcgcctaac ataatgcg      469
  
```

<210> 5494  
 <211> 563  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (565)...(197)  
 <223> similar to gi537108 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5494
ctgtggatcc atcccttcgg caaatccgac gacggcagct accagaacga gggcaataaa      60
gccgttaact ttaaagccga tcatacggat aagaagcagc gcgacgcctg ccgcaataat      120
gattaatggc atagtcttta tctcttatta gtgccagaaa agcagcgctt tcgcgctgca      180
cgtagggggg ctgttaaaca gccactaaca tgccgccatc aacaaacaac aggtggcgt      240
ttacgaaatc agaggctttt gaagaaagga acaccgcagc accaatcagt tcctgcggat      300
ctccccagcg tgcggcgggg gtccgtttgc acaaccaggc ggtgaaggct tcgtcctcaa      360
ccagtgcctt agtcatttct gttttgaaat agcccggcgc aataccgttg acctgaatat      420
tgtggcgcgc cagctcgacg cacatgccgc gggtagcat tttaccgcc cctttcgatg      480
cggcataagg ggtgatggtg tcacgtccca gttcgctttg catcgagcaa atattaataa      540
ctttccctgc cttgcgttca acc      563
  
```

<210> 5495  
 <211> 533  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (536)...(150)  
 <223> similar to gi405852 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5495  
 gattacgaat tccatgtccg taccctgtaca tctccgggac tgggacattc ctgagggttac 60  
 ccaaactgat ctcacgcgaa ccgacattgc ttaacgccgt cagggcctgc ggtgtcagtt 120  
 ctaataattc cggacgtagt gaattcatga ctgaagattc tccgcaagcc atgatgccag 180  
 ctgcgccggc gtcattggcg ctatttgtgc gccgacatta accagcgcct gggccgtatc 240  
 gcgggtcatag caaggtgttg cgggtgctatc gagcgtgccc agtcccagca ctttcatgcc 300  
 gctctggaca cactttttca cctgatgcgt cagtaatat gatgaacccc cttcgtaaaa 360  
 atcgctcacg aggataatga cgcttttcgc tgggtgttca ataagttgcc gaccatactc 420  
 cacggcactg gcgatattgg tcccgccgcc caactgtact ttcattaata actctaccgg 480  
 atcggaacg tctgccgtga gatcaacgac gcttgtgtca aacgccacca gat 533

<210> 5496  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (391)...(83)  
 <223> similar to gi4062233 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5496  
 gcattcagcg cgacgattcc aggcgcgtac ccgttcttgt cgttgagatt gttcaatttt 60  
 ctgcgtcatt ttgattgcct tattcttcgc ggatgccgga aagttctgca cgggagagca 120  
 ccagacgggc gcgatcgata accggaccgt ccaccatctt gccgttcagg gaaaccacgc 180  
 cgaggccttc gcgagcggcg gcttcagcgg cttctacgac gcggcgggcg tgatccactt 240  
 ctttctgggt cggggcggtat aggatgtgca gcagatcaat ctgacgcggg ttgatcaacg 300  
 atttgccgtc aaagcccagc tgtttgatgt gggcggtttt ttgcacaaat ccgggttcgt 360  
 tgtttagcggc ggaattgacc cgattgaaa 389

<210> 5497  
 <211> 590  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (592)...(92)  
 <223> similar to gi3041757 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5497  
 gaactgatta agagatccat aggtgaagaa gaaaaacggg gccagcaaca ataaccagcc 60  
 agcgccctgt agcaatacgt tccgacgttc agttatcacg acgcaccgcc atcgaaaccg 120  
 taaaaatacc ccactcatca atccgttggtg tgcattttatc aaatccggca tcacgcacga 180  
 gtgaatccat ctccccttgc gaacgcacgc gcattaccca cggtttacca tctttatgac 240  
 tgggtaacac cccggcaatc atctccagtt gaggggtgcc cggctgcccg gtgtagatga 300  
 gaatgccgcc cggttcgtatg gcattggcaa gacctgcgag tgagtttttt acctgctcat 360  
 tttcgggaaa aagctcatatc aggccagaga caatcgccag cgtaggccgc ggagttaacg 420  
 cgctgagttc ctccgggtta aacgcacgc cctgttcaaa acgcaccgc ccagacattc 480  
 cccgttgagc aatcatctct tgcccctgtg caacatttaa ctgctgttaa tcacgtaaca 540  
 aaatatcgt tacggcaggc tcgtttgccg gcgcacccag tacatagcgc 590

<210> 5498  
 <211> 567  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (28)...(346)  
 <223> similar to gi987639 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5498  
 aagtaggaca cgattacgaa ttctaggtcc gtacccggac atcggttatt atgcatttac 60  
 tacgccggtg cagcactcaa tttactcctg gcggaagatg agatgctgcg agtgggcgga 120  
 aaagtgtgg cgattaccgg ctttactccg aatgccctgc aacagcgtgc ttctcattgc 180  
 ctgtatacca ttgccgaaga acaagcgaca aacagtgtt caatctctgc ttgtcacgct 240  
 cagggaaatg taacggattt gctgttcatt gcgctgattc agcaggatct ggaactggca 300  
 ccagaacgta ttcgtcatag tgaagcgtg gtgaaaaaac tggctctgagt aaagaatgcg 360  
 cgtataatgc ccgcccgtt tgtgttgtt tgagagtttc cttatggcgt tgttaatcac 420  
 taaaaaatgc atcaattgtg atatgtgtga acccgaatgc ccgaatgagg cgatttcaat 480

```

gggagatcat atctacgaga ttaacagcga taagtgtacc gaatgcgtag ggcactacga 540
gacaccaacc tgccagaagg tgtgccc 567

```

```

<210> 5499
<211> 336
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (12)...(285)
<223> similar to gi882573 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5499
cttgtaaaac agttatgacc atgactacga atttcatgtc ggcacccgga gatcgtctgg 60
actataacaa acatactgat atccgcggta ctactgtcgt tggcgaacgt attctggaca 120
gccagagcgg cgaagtaact ttaggtactc cggtagtaat tacgttcaac aataccaaca 180
gctatcagga actgaatttc aaagctcgta tggaaatcccc aagcaaagat gccaccccg 240
gcaacgttta cgctcaggct gactacaaga ttgcttacga gtaatcgcat ttggccgggt 300
tcgcccggcc acatcattaa cggattaatg ataagt 336

```

```

<210> 5500
<211> 375
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(312)
<223> similar to gil789617 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5500
ccctggcgat gaccgactgc tcaacgcggg aagacggcct ggcattgcaa aagctgggag 60
ccgaaattat tggcactacg ctttctggct ataccacgcc tgaaacgcca gaagagccgg 120
atctggcgct ggtgaaaacg ttgagcgacg cgggatgtcg ggtaattcca gaagggcggt 180
acaacacgcc tgctcaggcg gcggatgcga tgcgccacgg cgcgtgggcg gtgacggctg 240
gttctgcaat cacgcgtctt gagcacattt gtcagtggta caacacagcg atgaaaaagg 300
cggtgctatg accacactgg cgattgatat cggcggtact aaacttgccg ccgcgctgat 360
tggcgctgac gggca 375

```



<210> 5501  
 <211> 846  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (831)...(504)  
 <223> similar to gi4062221 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5501

tttagttcgg	acgttattga	ctatattaat	tggttgttca	aggcctctga	gatttttctc	60
aagatgggga	tgcagattta	accctgttgt	cgtcggcgcg	ataccttttc	ctgagcgaat	120
gaataaagg	tcattaaatt	gcgcacgtaa	gcgttgtaac	gactggctca	cggctgatgg	180
ggtgatatat	agtgattcag	cagctttgct	aatgcttaaa	tgctggtaaa	tacactcaaa	240
tatgacaaga	agatttaagt	cgaacttttt	caagtcgtag	agattggcca	tacactactc	300
cggttatatt	tttcttccat	gatatattca	cttaatcaat	gttttttgcg	tatatatttt	360
tattgattat	gattttttgc	ttaactcagg	attaagtttt	tctaaaatag	cacagccact	420
tatggcagag	cgagcaattc	atgctttttt	aggatgggtg	aaaagcaggg	atatagttca	480
accatccatg	aattaccttt	tatttattcc	ccataatgat	attaagcgtt	ttctgatcgg	540
gcaacccac	ggcctgttgt	agcgtatttt	ccttactcat	gtaatagata	gccggcgtga	600
catttgcccc	cagatcgtcc	atcagtttat	cattgtcact	taacactttc	atttgctctg	660
tacttacgtt	tgcaggcag	tttagcttaa	gottgccacc	agaggcttca	tattggtgcc	720
aggtttttgc	gggatctttg	gaggcaagaa	ttgcgcgtgc	tgtcgccggg	ctttctggct	780
tgatagcccc	agccagcaat	gttgtaatt	gcactttgtc	agagtctgcc	cgcaagacgg	840
accgga						846

<210> 5502  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(295)  
 <223> similar to gil789468 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5502

ggattcggta	gtgcgtgcc	aaaagggttt	tggtgaaaac	catatcacca	ttatctcgca	60
agaatttcat	aatcaacgcg	ccatctggct	ggcaaaacag	tacggcatcg	acgctatcgg	120
ttttaacgcg	ccagacctca	atatgaagca	cggtttttat	actcaactgc	gggagaaact	180
cgctcgtgtc	agcgccgtga	ttgacgcaa	aatcctccat	cgccagccga	aatatctcgg	240

gccttcggtc	atgattgggc	cgtttagtga	gcattggctgt	ccggcgcaga	aataatgcgt	300
atctgcgcac	gtcgaagatg	aaaaaggcgt	gctacattgc	cgacagaatc	cct	353

<210> 5503

<211> 637

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(437)

<223> similar to gil651350 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5503

aaagacattg	gcgcgctgga	ggaagtgtgg	ggcagtagcg	tgatgaatcc	gtggctgccg	60
aaagagcaac	aaagtagcat	tctgaaagtg	acggtgcttg	agcatcatcc	gcattacgcg	120
atgaccgcgc	tggcgctggg	cgatcagcat	ttgtgggtca	ataagctgga	cgaaccgctg	180
caagctgcgc	tacgtatccg	cattcaggct	tccgatgttt	ctctggtttt	acaaccgcg	240
cagcaaacca	gcattcgtaa	cgtattgcgg	gcaaaagtgt	ttaatagtta	tgacgacaac	300
ggccaggtgg	aagtggaaact	ggaagtcggc	ggtaaaacgc	tgtgggcgcg	tatcagcccg	360
tgggccaggg	atgaactggc	gatcaaacct	ggcctgtggc	tgtacgcgca	aattaaaagt	420
gtgtcgataa	ccgcctgatt	aaatcagggt	gctataaatg	aactgggcaa	tgctgtcggt	480
ggtgttatca	ccaatcacia	tggtggcgcg	cgcttttacc	gcgtcatcgg	cgttgcccac	540
cgccacgcct	gtaccagcgg	cttcacagcat	actgatatca	ttaaagttat	cgccgaatgc	600
cacgacgttt	tccatcgacc	aaccttgccg	ctcaacc			637

<210> 5504

<211> 305

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (308)...(135)

<223> similar to gi882661 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5504

tgcctacggt	tctggcctgg	ggacttgtag	gcctgataag	acgcgtcaag	cgtcgcatca	60
ggcgctgaat	gtcggatgtg	gcgtgcggcc	tacaaatcaa	accaaattca	attggttacg	120
attatcccgt	caaagtaatt	ttttcgctaa	cgtccagacc	ccggtattcg	tggtggaaag	180
cgccacgaca	cccgcgttaa	tcgcattacg	cgcattctct	tcatcgacac	ccagcccacc	240

ggcaatcagc gggtggcgga ttttctctgt caccagccc agcactttgg gcatacagcc 300  
 tggca 305

<210> 5505  
 <211> 157  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(89)  
 <223> similar to gi216531 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5505  
 atcgcccttg cggcgttcct ctttgccaca gtgcgaacg atacgcatca aaatgtagct 60  
 atttcgcggc gaaaaaggag cgcgcaatga agttctggcg acccggtatt accggcaaac 120  
 tgtttctggc gattttcgcc acctgcattg tcttgct 157

<210> 5506  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (406)...(47)  
 <223> similar to gi396335 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5506  
 catttgggct gttcctaagt gcgtcaggcg gtcaagtgtg tcatcactca tactctgccc 60  
 gacacatcgc caccgtatct tctatcagac ggcgcgctac ggtgccgggc ggcgggagta 120  
 acggcaaadc gtcatagcga taccagttcg cctcgagcaa ttctttcggg tcgatcacga 180  
 tgtcgccgct gtcataattcc gccataaacg cggtcattaa agactgagga aacggccacg 240  
 gctgagaagt cacgtaacgc aagtttttaa ctttaattcc gctctcttcc atcatttccc 300  
 gcgcgactgc ctgctcgagg gtttcgccc cttcgacgaa tccggcaagt actgtatgga 360  
 caccgttacg atggcgggta tgctgtgcga ggaggatcga atca 404

<210> 5507  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(733)  
 <223> similar to gi41437 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5507

tgtttgaccg	tgaacgcggt	gcttttaccg	gtgccagtgc	ccatgggtatc	ggtcggttttg	60
aactggcgga	taaaagctcc	ctgttcctcg	acgaagtggg	cgatatgcca	ctggagttac	120
agccgaagtt	gctgcgtgta	ttgcaggaac	aggagtttga	acgtctcggc	agcaacaaaa	180
tcattcagac	ggacgtgctg	ctaatacgccg	cgactaaccg	tgatctgaaa	aaaatggctg	240
cgcacgtga	gttcgggaac	gatctctatt	accgcctgaa	cggattcccg	attcacctgc	300
cgccactacg	cgagcgagcg	gaagatatcc	cgctgctggc	gaaagccttt	accttcaaaa	360
ttgcccgtcg	tctggggcgc	aatatcgaca	gcattcctgc	cgagacgctg	cgcaccttga	420
gcaacatgga	gtggccgggt	aacgtacgcg	aactggaaaa	cgtcattgag	cgcgcggtat	480
tgctaacacg	cggtaacgtg	ctgcagctgt	cattgccaga	tattgtttta	ccggaacctg	540
aaacgcgcgc	tgccgcaacg	gttgtcgccc	tggagggcga	agatgaatat	cagttgattg	600
tgcgcgtgct	gaaagaaacc	aacggcgtgg	ttgccggggc	taaaggcgct	gcgcaacgtc	660
tggggctgaa	acgcacgacc	ctgctgtcac	ggatgaagcg	gctgggaatt	gataaatcgg	720
cattgattag						730

<210> 5508  
 <211> 243  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (245)...(131)  
 <223> similar to gi544485 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5508

atgtccgtac	ccgtagaacg	taacgaatgg	caggacaatg	gagtgatgct	ataaagctgc	60
cacgatgcgc	acaccgatgg	cttcacggtg	cagcaaaata	ttgccgaccc	ctaagactaa	120
aatacgcatt	acagaacctt	cactgaaacc	acttcgttgc	cgtcagcatc	cactacgtgt	180
accgcacagg	ccatgcacgg	gtcaaaggag	tgaatggtac	gcaccacttc	cagcggttta	240
ttc						243

<210> 5509  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (355)...(48)  
 <223> similar to gi688405 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5509  
 accggcgcaa taaacctgca ggatttctat caggccggga ttatttaatc cttcaatccc 60  
 agacgtttcg ccagccgatg caggttggcg acgtcggttt ccagcatccg cgcgcaggca 120  
 gccagttgt gatgattttg tgccagtgcc tgacgaatag ttacacgtg gaacgtttct 180  
 gtcgtttcac gcaggttttg cttacaacg ggcaccgcc cactttctgg cgtcggcaac 240  
 gtcacctcag gaaaagcaaa atgttgccg tcaagaatca cttcatcgcc gctgcgggtg 300  
 gctctcgcca gaactaccgc ccgatgaata gcattgtcca gttcgcgcac gt 352

<210> 5510  
 <211> 214  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (217)...(6)  
 <223> similar to gi1565189 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5510  
 ggttactcgt cagcgatgct tgccggtggc cagttttcca ggccgatgcc cagagacagt 60  
 ccacgggaag ccagcacgct tttaatctca gtaagagatt tttaccaag gttaggcggt 120  
 ttaaggagct caacctcggc acgtgtacc agatcaccga tatagtggat agctttctgct 180  
 ttaaggcagt tagcagagcg gacagtcaat tcca 214

<210> 5511  
 <211> 171  
 <212> DNA  
 <213> Homo sapiens

<220>

```

<221> misc_feature
<222> (3)...(132)
<223> similar to gi290405 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5511
caggcgatcg cgtagtaata agtgggctgc agaaagtgcg tcctgggtgc caggtaaaaag      60
cacaagaagt taccgctgat aataaccagc aagccgcaag cgggtgctcag cctgaacagt     120
ccaagtctta acttaaacag gagccgttaa gacatgccta atttctttat c                171

```

```

<210> 5512
<211> 360
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (3)...(282)
<223> similar to gi4062261 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5512
aacaattagt gcaggcctgc caacctacag aagaatcatt aatgccgatt gtgagccgcc      60
ttgatgcaga aaatcgttgt ccaactggaag cattaattat tcgtcgatta ttaattcagg     120
cggcgaattt taccgagaag caaactgttg aaccggagcc gcaaccgcag ccaatgcccg     180
ttgacgatgg tgggccaggc tgtctgggca tcattaaaat tattttctat atttttatct     240
ttgctggttt gatagggaaa atactccatc tgttcgggtg acagtgcacg ttaatgtgcg     300
ggaagcccgg caagtaatct ttccgcattt ttgtaatgtt gcccggcggc cagtnntatc     360

```

```

<210> 5513
<211> 504
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = a,t,c or g

```

<220>  
 <221> misc\_feature  
 <222> (2)...(290)  
 <223> similar to gil45470 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters.

<400> 5513  
 aaaccgttcg cacatggctt acaggaagtc gccaaagcggg gtcgcgctgg aatgtaaaga 60  
 cggtcgtatt ttcagtggca gctacgtga aaacgccgca ttcaaccgga ctctgccacc 120  
 gttgcagga gcgtaattc tgttgaatct caagggttat gattaccgga atatccagcg 180  
 cgcggttctg gcagaaaaag ccgatgcgcc gttgattcag tgggatgcc cctccgcaac 240  
 gctgaaagct ctccggtgac acagtatcga ccgagtgtt ctccgttaag cctgggtgccg 300  
 gatgcggcgt gaacgccttg tccggttgc cagccctctc ctgggtgtcga aattcccggc 360  
 aaacagtttg ccgtttcttg cgcaaaacca gcgggttaaag tagcctgatg gaaattttcc 420  
 ttagatcgag tctcctgcat gttaaagcgc gtgttcctca gcctgttagt cctgatcggc 480  
 ttgctgcctg tcnctgtgct nggc 504

<210> 5514  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(373)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (372)...(250)  
 <223> similar to gil707458 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5514  
 agaaattaac gcgcgatgat gaggcggaaa agtgagaaat aaatgggggc gctaaatgtc 60  
 ccctaagggt gcgggcaaac gcaaaactgc ctgatgcgct acgcttatca ggcctacacc 120  
 gtcctgcaa tatattgaat tcttgcggtt tcgtaggccg gataaggcgg tcacgccgca 180  
 tccggcatga acaacgcgca ctttgtagc aatctcgggg caactaaatg ttgccccctt 240  
 tcgtttttac cctaccgctg gcgtcgggtc atcgcccttg tagtcgcgtt ttacttcctg 300  
 cacctcatcg cccttctcgt tgtgcagatg cacttcaagc tggttaaagg caatggtgat 360  
 gtcgntttca cg 372

<210> 5515  
 <211> 545  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(546)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (545)...(89)  
 <223> similar to gil788699 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5515

gtgcgccact	gatcgccac	ttccttcagt	tcattgggtg	gtttgttccg	cagctccacc	60
agcgccctggc	aatatattt	actcattaag	ccccacgta	attccctgag	agataccact	120
cttcacctga	tgcagccgc	ttactgttt	tccgtaaaca	ccgttcacga	cgcgccagaa	180
aattgtttcg	ttctggctgg	gagtggcttt	cacggaatgc	cgccatccac	accgttgcag	240
cacgacggta	taagccctg	gactccagtt	cttcgcctg	gcgggtcagg	cacaaaatca	300
cccgcgggtc	gttagtgccg	acatagaaat	tgcgacacag	tctggtttca	cgaactgggt	360
gtggttccgg	atcctgcgct	ctctcagtc	ggcgcgga	atgtctgtgt	gtatctcctt	420
cacaacgggtg	agccacacgc	ccactctgac	gtaacttgct	tgctgactgc	agaacgcgct	480
gccgtgagta	acctgcaaaa	gcattccgca	tgtctcccca	agtacagccc	cgatgggntt	540
caatg						545

<210> 5516  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(226)  
 <223> similar to gil742880 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5516

ttggccaacg	catttacgcc	tgcgcggttc	gggtttcggt	aatgcgctcg	gacggatcgt	60
cgcagtcttc	acgccctatg	gcgttgccgc	attattaaca	cattatgggt	cgatcacggg	120
gtttatggta	cttggtgta	tgttattgct	ctgtgcgctg	gttctctcca	tttttggcat	180
cgaaacgcgg	aagggtgctg	tggaagagat	ttctgaggtg	aattaaatct	ttcgttgatg	240
gcatcaattg	ccagatgtgc	cactgacgtg	ttttatttgg	cctacaatgc	cagtacagaa	300
ttgttggcca	gcgtaaaatt	accctgtgg	ctcttcccag	tctggcagcg	tat	353



<210> 5517  
 <211> 588  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(404)  
 <223> similar to gi537232 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5517  
 gaaatcacgg gtaggggcca gcggcttgat gcagattatg cctgggtacag cgacccatac 60  
 ggtgaagatg ttctctattc ccggttatag cagtcctggg caattgctgg atccggaaac 120  
 gaatatcaac attggcacca gttacctgca atatgtttat cagcagtttg gcaataatcg 180  
 tattttctcc tcagcagctt ataacgccgg accagggcgg gtgcgaacct ggcttgcaa 240  
 cagcgccggg cgtatcgacg cagtggcatt tgtcgagagt attccattct ccgagacggg 300  
 cggttatgtg aagaacgtgc tggcttatga cgcttactac cgctatttca tgggggataa 360  
 accgacgttg atgagcgcca cggaatgggg acgtcggtac tgatccgcac gtttatgata 420  
 tgctatcgta ctcttttagcg agtacaaccg ggggagggcat tttgcttccc ccgctaacaa 480  
 tggcgacata ttatggccca acaatcaccg tattcagcag cgatggcaga acagcgtcac 540  
 caggagtggg tacgttttgt cgacctgctt aagaatgcct accaaaac 588

<210> 5518  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(184)  
 <223> similar to gi1773175 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5518  
 cgaaaatgcc ggcacgcggg cccgctttac gttgggaccg gaagcgggtg tggacaaagt 60  
 acgccatgct tttattagcg agaagccgaa gatgcgctat ccggtgacgc tggtgacctg 120  
 ggcggtaatg gtgcttaagc gcctgctgcc ggggcgcgtg atggacaaaa tattgcaggg 180  
 gtgagttgaa gcgcgcgctt aagcccccat gtcaaagaaa atatcgacaa catgagagcg 240  
 actccatgct cgtagaaaat attgtcaaca ttaacgaatc taacctgcaa caggttcttg 300  
 aacagtcatg gaccactccg gtgctgttct attttttgtc tgaacggaac cagcacttgt 360  
 tgccg 365

<210> 5519  
 <211> 578  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(579)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (578)...(399)  
 <223> similar to gi42034 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5519

tgggggttcag	caaccacatg	tacctgatag	ctatgacggg	cattcagggc	atcaagtacc	60
acctgattga	catcggcaaa	cgtcagttgg	ataccgcgt	ctgccagcag	ttaccgata	120
aagccacgac	cgatattacc	tgcgccaaaa	tgtaatgctt	tcatagtatt	aaccttcac	180
aatgttttta	cccgagaggg	ctggggtgag	gcttttcctt	cacccaaacc	ctctccgtga	240
ggagaggggc	agcgccggat	gcggcgtaag	cgccttatcc	ggcctacaag	aacgtgcaaa	300
ttcaacaaat	tgtgatgcat	cctgtaggcc	tgataagcgt	agcgcatcag	gcaattaacc	360
ccaccttctc	catgtggaga	gggtgggatt	ggattactta	cgacctgcca	gcagttccag	420
cacttcaccc	acgctgggtg	tgtgtgccag	acgctcgatg	acggactcat	catccagtgc	480
attggtcagg	ctggtgataa	cctgaatgtg	ctcgttggtt	cgggcagcaa	taccaatcac	540
cagacgggca	atgtcatctt	cttcttcncc	gtagccca			578

<210> 5520  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(325)  
 <223> similar to gi1789518 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5520

atatgccctt	tgcccatcaa	gtgattgagg	agcatatcac	ggtcaatcca	tcataccggg	60
cattccgtca	tggcaagtcg	ttaggctctg	ggaaaaataa	agactgggtc	cgggtaaaat	120
ttggtgctgg	tcgttatcgt	ctcttctttc	gttatagtga	aaaagagaaa	gtcatcattc	180

tgggatggat	gaacgatgaa	aacactctgc	gcacctacgg	taaaaaaaca	gatgcctata	240
ccgtattcag	caaaatgtta	aaaagaggac	atcctcctgc	cgactgggaa	accctcaccc	300
gagaaacaga	agaaacccat	tgatggtgtt	cacaatgccc	gccgaacgca	ttcgtgttga	360
ccagcgggca						370

<210> 5521

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(329)

<223> similar to gil45453 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5521

tatcactgtg	atgaactctg	ccggaggcaa	agcatttgac	ctgttcggcg	aactgaccgg	60
tatcgagta	ctgctgacta	tgtgacgta	tttctactct	tgcggtgacc	tgattcgttt	120
tgaaggcggt	aacatccgca	actttgtcag	cctgatctgc	tctgtactgg	gttgcggtgtt	180
ctgcttcac	gcgctgatgg	gcgcaagctc	cttcagagctg	gcaggtaacct	tcacgtcag	240
cctgattatc	ctgatgttct	acgctcgcaa	aatgcacgag	cgccagagcc	actcaatgga	300
taaccacacc	gcgtctaacg	cacattaatt	aaaagtattt	tccgaggctc	ctcctttcat	360
tttgccccat	gtgttgggag	gggg				384

<210> 5522

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(171)

<223> similar to gil800067 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5522

actgttgccc	attatgcagt	tgccagtggc	agatattaac	gccagaccg	ccattatgca	60
tgacggcaaa	gcctcagaag	gcgatattca	gggacacggt	gatgggtgga	tcaaagccca	120
ccagcagcag	ttcgatggct	gggtgaatga	ggcgctggca	gcgcagaagt	aatttttatt	180
cgggcggata	aggcggtttt	gccgcacccg	ccgttctgtg	cacaatgcct	gatgcgacgc	240
tggcgcgct	tatcatgcct	acaaaccaca	tcgcacattt	caacaatcta	tctttcatcc	300
catattcacc	aacatccgct	attattgatt	tccagcttaa	tcatcacctg	atgaacaaaa	360

ataatgacta	aacctaataca	tgagcttagc	cgggcgctga	tcgtgctgat	gtctatcgcc	420
accggtctgg	cggtagccag	taactattac	gcccagccat	tgctcgacac	catcgcgct	480
aacttttccc	tttccgccag	ttcggcaggt	g			511

<210> 5523

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(261)

<223> similar to gil651330 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5523

cagcagtacc	gataatccgc	cagtgattgt	tgaagtgtct	ggtattgggtc	agtacaccgt	60
ggtggttgag	aaagatcgcc	tgagcggtt	accaccagag	caggtggtgg	cggaagtgtc	120
cagccgtttc	aaggccaacc	cgaaaacggt	ctttctgac	ggtggcgcaa	aagatgtgcc	180
ttacgatgaa	ataattaaag	caactgaact	gttacatagt	gcgggtgtga	aatcggttgg	240
tttaatgacg	cagcctatct	aaacatctgc	gtttcccttg	cttgaaagag	agcgggtaac	300
aggcgaacag	tttttgaaa	ccgagagtgt	caaaggcaac	cgaacaaaac	gacaagctca	360
agcgggcgat	aattatttca	gcagtgtgc	atgtcatctt	atttgcggtc	ct	412

<210> 5524

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (22)...(720)

<223> similar to gil742424 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5524

catcactgtt	cgtcgctgta	catcgttcag	aatgcgaaaa	cctgtctgat	acccacctta	60
atcgtcttgc	ttcacatgat	ggacgtgac	cgccatcatc	aaccaataag	tcgtcgggaa	120
gccagagcta	aagcgattga	cctgctggaa	gagatgcaaa	tcccggatgc	cgtggaagtt	180
atgtcgcgct	atccgtttga	gctttcaggt	ggtatgcgcc	agcgggtaat	gattgcgctg	240
gcattctcct	gcgagccgca	attgattatt	gccgacgaac	cgactacggc	gctggacgtc	300
acggtgcagt	tgcaggtact	gcgtttgctt	aaacataaag	cccgcgccag	tggaactgcg	360
gttctgttca	tcagccatga	tatgaccgtg	gtgtcgcaac	tgtgcgatag	cgtatacgtg	420

atgtatgccg	gcagcgtaat	tgaaagcggc	gtgacggcag	acgttatcca	tcatccccgg	480
catccgtata	ccattgggtt	gctgcaatgc	gcaccagaac	atggagtcce	acgccagcta	540
ttacccgcca	ttccagggac	ggtaccaaac	ctcaccatt	tgcccgacgg	ttgcgctttt	600
cgcgatcggt	gctatgcggc	aggtgcacag	tgtgaaaacg	ccccggcgct	gacagcggtg	660
ggtgacaaca	accagcgctg	tgccgtgttg	tatccgcagc	aggaggttat	aagtgtgtga	720
cacgttatta	acgttacgag	acgtccctat	ccctttcccg	gcccgtaaaa	act	773

<210> 5525

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (426)...(66)

<223> similar to gi4062426 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5525

cccatcatta	cgaattcaat	gtccgtaccc	gtagatcgca	cagagtggga	aagccttggt	60
ttatcccttc	ctgagaatgt	tcgatctgca	tatcttttaa	aaagataacc	atcagcgaca	120
gccacaaaat	tccgttgaca	aggttgaaga	gattaaacag	tccgttgccc	ccgttcagcc	180
aggcatgttt	gctgatttca	ataccaacgg	taaagatcag	catttgcagc	attcccatcg	240
cggcagaaac	cgtaccttta	ctcatatcgc	tggcaaacag	ggttaatcgc	accagtcccg	300
cattcgccag	accaataaccg	aaagcataaa	tacttaaccc	ggcagtcac	cataaatacg	360
cgtgcgatga	gataaccggt	gccgcagcag	cgaccaatag	accaatcata	atcgccagc	420
cgc						423

<210> 5526

<211> 648

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (627)...(45)

<223> similar to gi504496 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5526

acggcaaagg	gaagagaaag	ttgcccgcag	gggcgggtaa	ctaccttaca	gcccccgcca	60
tccatgccga	taactcccgt	agctcttttt	cctgttccgg	gaagtcaacc	aacagcgctt	120
cgcactcctg	ttgcagcata	tctgcgcggt	acaggcagcc	ttgcagtcgt	ccggcgaggg	180

cttccagcgg	cgcgggggtg	aggctgtcgg	taaacacctg	ggcgcggggtg	atatggcctt	240
tttcaacgtc	gaaatgcagt	tccacgccgc	cccaggtaaa	gcgttcaccc	agcagatgcg	300
agaatgccgg	agcctgaccg	aagtccatt	cccagctact	ctggcgggca	aaggtttcgg	360
cgaagtttgg	caagtctggc	gttttggtcg	gggagatgat	ttccgcttcc	acgcgctcgc	420
cataatgggc	gaaaaaggcc	tcggttatgg	cctcgcaaac	ctgctcatgg	gtgatccccg	480
gcaacagctc	ggtgaggttg	gtcacgcggg	aacgtaccga	cgtaatgcct	ttcgccgcca	540
gtttcttttt	atccggattg	agatagtttt	ccaggccaag	gagattaact	tggataacca	600
cagggttttg	gcagtcacca	cgatgtacag	gtacggacat	agaattcg		648

<210> 5527  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(418)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (6)...(300)  
 <223> similar to gi1788533 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5527						
tggcagacca	ggaaaactgt	ctcaactttc	aggggctgcg	ctgcgatggt	tggtatcgcg	60
aatgcccga	aattgatgag	gccatcaccc	tggagctgga	gcgcaacacg	cgtaccggta	120
agcacgccc	ctttctgccc	acggttcaca	gcgacgcctg	taccggttgc	ggtaagtgcg	180
aaaaagtatg	cgtgctggaa	caaccggcaa	tcaagggtgt	accgctgtca	ctggcgaaa	240
gggagttagg	tcaccattac	cgcttcggct	ggctggaggg	gaacaatggc	aaatcgtaaa	300
cgtgacgccg	ggcgcgaggc	gctggagaaa	aaaggctggt	ggcgagtcga	ccgttggtcg	360
gtgttacgtc	gcctttgtca	gttcttcgtg	ctgnngatgt	ttttgagcgg	tccatgg	417

<210> 5528  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (377)...(198)  
 <223> similar to gi457174 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5528
atggtaccgc attattacca tgtacgaaga ccagcagcct gataactggc gcgtacaggc      60
gatactgtat gcatgagtgt catctacagc aaatgaacaa tgccggatgc ggcgcgagcg      120
ccttgccggg cctacaattt tcacatatct catttagtta atcgaaacca gcgtcgcacg      180
agtcgtatac gcttacacac acactcccc cgtcgcccgc agcaataaat cattctggat      240
ctgctctgac aaccgtacgc cgccgcgcgt atctaacatc acctgacacc acgcctgcgc      300
cattggcgga gaagcatatt tcaacatttg cgcaccgcag cccagcagga atagctgatg      360
agtaatctct cgctccactt                                     380

```

<210> 5529

<211> 595

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (21)...(472)

<223> similar to gil773101 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5529
ccgcttcgac gatttcgtac gttgccgatg ctaaagatgc ggactacttg atcaaacgtc      60
atttcgctct atcgccgcgt attttacagg ggcaggcact gcgcgatctg gcaaattcag      120
ccatcgatct ctctgacggt ttgatttcog atctcgggca tatcgtgaaa gccagcgact      180
gcggcgacag tattgacctg gcattgctgc cgttttctga tgcgctttct cgccatggtg      240
aaccggaaca ggcgctgcgc tgggcgctct ctggcggtga agattacgag ttgtgtttca      300
ctgtgcggga actgaaccgt ggcgcgctgg atgtggctct cggacacctg ggcgtaccgt      360
ttacctgtat cgggcaaattg accgccgata tcgaagggct ttgttttatt cgtgacggcg      420
aacctgttac attagactgg aaaggatatg accattttgc caccgcataa agatgtcgcg      480
aaaagtcgcc tgaagatgag taatccgtgg catctacttg ctgtcggatt cggaagtgga      540
ttaagccgga tcgttctctg gacgatgggc tcgcacgata tcgtcgaccc gggaa          595

```

<210> 5530

<211> 646

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (649)...(351)

<223> similar to gi4062774 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5530
caaaaaaatc atccatccgg ctggtcagca actgtagtgt ttaatgtgac agagccattg      60
cccatgatag tgtccattaa aaggatggac actatttccc cggaacctca actcgccgca      120
caggcggttct acatagatcg ctccggtttc attgttgact agaactggac atcagataaa      180
tcgcgcttta cccttgatgg agcctgtaca taggtggtgt gtaattgcct gcttgggata      240
tgttcatttc accatcaaat gaaggttaaa ttatggacga caaacaattg caggctcagg      300
ctgcgttcag caaagcatcg caaccggcga tagatgcttc attaaattta agattcagct      360
tcctcttcag ccaccggtac gccaatcttc aacacttcat tatcttcttt ctcgccacc      420
gtccagatca tcccggaaca ctctacctgg tcaccgacaa ccggtgccgc gcctaacaac      480
tgctggacaa tttcaccagc cgtttgctgc ttatcacgat attctcgccc gtcttccagg      540
ccatatatca ggcgaacatc agcatatttg gcgctggctt cgagaatgaa gtcaccaaag      600
aagcgttgat ccagcgcgac cggcggcgac tggctgaaca gtttac      646

```

```

<210> 5531
<211> 586
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(569)
<223> similar to gi41625 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5531
aacgacaggt tctctgactt aacgccagaa acgctgggta cgcgcaataa agcgcagcta      60
aaagcgttct gggagaaaca cagcgacatc attcttaagc cgctggacgg tatgggcggc      120
gcgtcgattt tccgcgtgaa agaaggcgat ccaaacctcg gcgtgattgc cgaaacctg      180
actgagcatg gcactcgcta ctgcatggcg caaaattacc tgccagccat taaagatggc      240
gacaaacgcg tgctgggtgg ggatggcgag ccggtaccgt actgcctggc gcgtattccg      300
cagggggggc aaaccggtgg caatctggct gccggtggtc gcggtgaacc tcgtccgctg      360
acggaaagtg actggaaaat cgcccgtcag atcggggcga cgctgaaaga aaaagggctg      420
atTTTTgttg gtctggatat catcggcgac cgtctgactg aaattaacgt caccagccca      480
acctgtattc gtgagattga agcagagttt ccggtgtcga tcaccggaat gttaatggat      540
gccatcgaag cacgtttaca gcagcagtaa cccaccttag cgagaa      586

```

```

<210> 5532
<211> 808
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(734)

```



<223> similar to gi581095 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5532
catgttatcg gagacctgcc aacgtatggt tatcgtcggg tatgggcggt gcttcgcagc      60
cagccagaac ttgatgggat gcctgcgatc aatgccaaac gtgtttaccg gatcatgcgc      120
cagaatgcgc tgttgcttga gcgaaaacct gctgtaccgc catcgaaacg ggcacataca      180
ggcagagtgg ccgtgaaaga aagcaatcag cgatggtgct ctgacggggt cgagttctgc      240
tgtgataacg gagagagact gcgtgtcacg ttcgcgctgg actgctgtga tcgtgaggca      300
ctgcactggg cggctactac cggcggcttc aacagtgaac cagtacagga cgtcatgctg      360
ggagcgggtg aacgccgctt cggcaacgat cttccgtcgt ctccagtggg gtggctgacg      420
gataatgggt catgctaccg ggctaataaa acacgccagt tcgcccggat gttgggactt      480
gaaccgaaga acacggcggg gcggagtccg gagagtaacg gaatagcaga gagcttcgtg      540
aaaacgataa agcgtgacta catcagtatc atgcccaaac cagacggggt aacggcagca      600
aagaaccttg cagaggcggt cgagcattat aacgaatggc atccgcatag tgcgctgggt      660
tatcgctcgc cacgggaata tctgcggcag cgggcttgta atgggttaag tgataacaga      720
tgtctggaag tataggggca aatccaataa acaattggaa tttacttcca ttgatctggt      780
tactcagtgg ttgtcacgtt ttcgagga                                     808

```

<210> 5533  
<211> 384  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (385)...(238)  
<223> similar to gi1736484 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5533
gagatggaaa aactaacagc tgacattggt gcctggcggc ggccctcaca aactccagat      60
gatgagctac ctgttcggtg agtgagggtt tacgaggctc atattgcgct gctgcaactt      120
tccagaacga cataatgact tccttttcaa aatgactgca aattatgagt gcggtttaga      180
aaatactcat aatttagcag gcgttatgta agaaagtgtg actctgtata agttttattt      240
aagtttgggc tcgtaaggta aacgtgacag attgaccgaa gccaaacggt gggcaataag      300
ccgctcgcga aaccagctgc gcaaatgttc aggctgttca cgttcaaccg cttcagcgat      360
caccggcata ttgtagcgtt cttt                                     384

```

<210> 5534  
<211> 1542  
<212> DNA  
<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (40)...(523)
<223> similar to gi665970 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5534
tttcgtgtgg actggggccg gataatggcg ggcgctgcag aagatgcgcg agctcttttc 60
cgggctgggg tctgcgcggc cctggaggcc tggccggcct tgcagatcgc tgtggagaat 120
ggcttcgggg gtgtgcacag ccaggagaag gccaagtggc tggggggtgc agtggaggat 180
tacttcatgc gcaatgctga cttggagcta gatgaggtgg aagacttcct tggagagctg 240
ttgaccaacg agtttgatac agttgtggaa gacgggagtc tgccccaggt gagccagcaa 300
ctgcagacca tgttccacca cttccagagg ggtgatgggg ctgctctgag ggagatggcc 360
tcttgcatac ctcagagaaa atgcaaggct acagccactg cacttaagac agctagagag 420
actgatgagg atgaagatga tgtggacagt gtggaagaga tggagggtcac agctacgaat 480
gatggggctg ctacagatgg ggtctgcccc cagcctgaac cctctgatcc agacgctcag 540
actattaagg aagaggatat agtggagatg ggctggacca ttgtccggag aaaaaaatga 600
gtggggatga ttggaaatgg ctttggggcc ttatttgcgt ttctaagagt tgtctgtagg 660
ggtttttttt tttgaggatt gaagacctgt gggacttggg taccctatct ccacctctc 720
ccctgttctt ctgtctggct ccctccaggg caaggaaaac ctagggctct tggctctggg 780
gggtggggga ccttttccag catattcccc tgggccttta gttaacatcc gagtgcagaa 840
gccgggttcc ccagtacagt gtcttttggg tgcgggtcatt gtgaggaagg ggatgagtga 900
gtgtgggtgt ggctggagga ggagctagat gccgggtggc agtgggcagg tggatttggg 960
gaggagagga tcagcagcag cagcagtact cagtgatagg gggctggctg ggtcaggaat 1020
ggtgagatga acatgcaagt ggaagagaga atagttgaaa atgtgaatga aagtagctct 1080
ggagcctctc ccttacccca cccacacac acgcaacagc tctgtacccc tgcccagAAC 1140
ttggaacctc ccaggaatgc tgccttcctt cagcccagcc tccagtcctg ggttccctca 1200
ggaattcgaa gaccttggct aggtgggtgag cttggaagag ctgggctttg ttttctgtct 1260
cctctaacct ctttccctac tcttatccc atcccatttg agttcagggg tgaggcttaa 1320
gatcttaata aataatacct tactgcttaa tctgtggctt gacctgtgag tagtagcctt 1380
agaatcagcc ttctgggagc tcagcttcag agtttacaa ggagcagttt ctgggcccac 1440
cctagcagcc tgggtacttt ggacaaccaa acagatgaac gaacggagca cagcagtgtc 1500
atgaaagtta ctgtaagcct gaaaataaac tgggtatttt ct 1542

```

```

<210> 5535
<211> 1072
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1073)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (142)...(359)
<223> similar to gi3878319 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5535
ggtggaattc ctgcgtacta cggtcttcttc cagtcacctc ggcccggatc gggaagtgtc      60
aagcggggcg tcccccatct ccgccgctat taccactgaa cccggacccc ctaccaggt      120
ccagggccag ccgccatgac gaacgtgtac tccttgatg ggattctggt gtttggtttg      180
ctctttgttt gcacctgtgc ctacttcaag aaagtacctc gtctcaaaac ctggctgcta      240
tcagagaaga aggggtgtttg ggggtgtgttt tacaaagccg ctgtgattgg aaccaggctg      300
catgctgctg tggcaattgc ttgtgttgta atggcctttt acgtcctgtt tataaaatga      360
attccaaagc acccaagtca tcaactgcca accaagggga cggggatgaa gaacctgttg      420
gagacctgaa cccagtgtag gagagttcag ctgaaatcat cgggtccccag gatgacacca      480
cagcatctgc ccctgctata tgtggggaaa actcatggtc acgaacatta tttatgcttc      540
aggggactac agaaagccag cttcctttga tctatgtgta aatcagtcct tggcagagtg      600
catataatgt ccggataaat tacaccctc ggtgataaga ttacatacct ctttcataaa      660
aacctgtcat cctgttttgt tcttcagctc ctcatcagga tcttttcaaa ctgaggctca      720
ttaggggaagg aactaggctg tgttcagact tcttttgaag agagagaatt ttcaagactt      780
cttttctact tttgatttg atctggcaaa ttggggaggg gatgctgggt gggaaacagt      840
tatgaaaatg ccaaagaaaa ttctttggct ttagaaaatt ttatcctttc atggtaaccc      900
atccggggaa ccttaaaaga gagggcatag tgcttcattg gcaaaaagag gaacagatga      960
agtagctgtg tttatgtggc tgggtatctt tgagagtttt tgcccaagga aantctgggg     1020
cctacataaa tttggggatt tttccgtgtg gtggggaccc ggaaggcgtg gc              1072

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<210> 5536

<211> 989

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (876)...(526)

<223> similar to gi577311 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5536
tttttttttt tatctttctg ttctctgttc attgaacatt ggtttttaag gttccaaacc      60
tactaaatga aaagtggaaat gaatgggtact tgtagcttgg atttaactca attttgaata      120
ttgtcaatct agtacaattt cttaaattta gcttaagata tctgcaaagc caacaatggt      180
tctaagacaa gatgagggtta cgggcttcaa tcaataagaa aaataaaaaa gcaattaatt      240
tattattttg aaccaccag gtcattatgc attaatTTTT aaatactgca acttcatgtt      300
ttatagaaac tagaaacatg attcaaaatg tcacaaagtt atattaaatt aaaaccactt      360
tagacaattc aaggtctcac tgaccaaagt ccattaaggt gacagttttg ctgttttggt      420
actggttccc acatgatata atctcttctc aatttcattt gaagattatg aactcgattt      480
ggatgaaagc tgctgttttt ctgaaaaagg ttagtgtcag tcaaacattt tctggggcta      540
ttttttatgt tctttgatcc tttagggtag ctgtcttctt gctgaatacc tgaagcttca      600
ctcatctttg agttttgaac tttttgctgc agtttacaga cactgtcttg atgcttcttc      660
agtttgagaga tttgttctcc ttttaatttc attttcttga gtaaactctc tagttcacat      720
tctatgtcgt cacagactga atgactttca gtttccttca tttgtttcag tagttcttgg      780
tgctccatgc tcatttggtc cagctcatct tgcattgcca tcaaaagttc agataaattg      840

```

tcacaaatgg	aaatggactt	ttctgagtca	ggaggaatag	ctttacacca	ggaagttgtt	900
ctagaaggct	tggggagaca	tctagtctca	gtcacgttaa	aaggtttctg	aaggatatgt	960
gggtcacgat	gttgccat	ctgcaaaaa				989

<210> 5537

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (308)...(112)

<223> similar to gi5689427 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5537

ctacatgggc	cctctcatga	gtctctgtgc	cagaggttgg	tgggggaagg	gagaaaggaa	60
aggagggaga	ggatgtcact	gtcctcaaac	cgagcttctc	tgctccatgc	tatcctgggg	120
gcttcaggtg	aatggctgcg	ctgttggggc	gagcagccag	gatgtagagg	acattctctt	180
gcaggaaggt	agggcagtc	acaaatctgg	actcctgctc	tgtgggcagc	agggcttctg	240
cctgactctt	gctgctgctg	ctggctgggc	tgctatctgc	gatgggaccc	acatggctga	300
tgctgacacg	aaatcgtcga	cc				322

<210> 5538

<211> 1825

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (628)...(1595)

<223> similar to gi2589223 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5538

ctcttttatt	cccttttcga	cgatttcgog	ggacatgaca	gctttaaccc	atgactcaaa	60
gtctcaggga	ataatacaca	gtgttgaaat	gcctctcttg	cctaccaggt	ctcaagtttg	120
acatgaaata	catgaacttc	cgtgtgaagg	cctgtcacia	ggcagttgca	ggagagttct	180
ctgagccggt	gactctggag	acaccaggtg	actggaatcc	cagcactttg	ggaggccgag	240
gcgggtggat	cacttgaggt	caggagttca	agaccagcct	ggccaacatg	gagaaaccct	300
gtctctacta	aaaatataaa	aaattagccg	ggccatgggtg	gtcacgact	gtaatcccag	360
ctactcagga	ggctgaggca	ggagaatcgc	ttgaaccagg	gagtcggagg	ttgcagttag	420
ccaagatcgt	gccactgcac	tccagcctgg	gtgacaagag	caagactctg	tctctaaaaa	480

aaaaaaagtc	tccccctgc	caaacatgga	acccctttgt	ggccatgccc	ccaaaattgt	540
ccaacatgtg	gttgggcagc	cctgcaggaa	gccccctgcc	ccctgaacca	ggcacagaat	600
cccgaccccc	tctcctttcc	gtcttggtca	gggcccagcg	cacccgggat	cgacctggct	660
gagtccttgg	tggcagataa	ctgtgtgacc	ctgggtgtggc	gcatgccgga	tgaggacagc	720
aagattgacc	actacgtgct	ggagtaccgg	cggaccaact	tcgagggccc	gccccgcctc	780
aaggaggacc	agccctggat	ggtcacagag	ggcatccggc	agacagagta	caccctgaca	840
ggtctcaagt	ttgacatgaa	atacatgaac	ttccgtgtga	aggcctgtaa	caaggcagtt	900
gcaggagagt	tctctgagcc	ggtgactctg	gagacaccag	cgttcatgtt	ccgcctggat	960
gcgtccacat	cccaccagaa	cctgcgggtg	gatgatctct	ccgtggagtg	ggacgctatg	1020
ggcggggaagg	tgcaggatat	caaggctcgc	gagaaagatg	gcaaggggcg	gacggcgtct	1080
cccatcaact	ccccagccag	aggtactcca	tctcccaaga	ggatgccctc	aggtcgtggg	1140
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ctggacgccc	ccgtgcccga	ctgcctgggt	gtgactgtg	acttccacca	aggcctcctg	1440
tcctttctaca	atgcccgcac	caaacaagt	ctgcacactt	tcaagaccag	gttcacacag	1500
ccgctgctgc	ctgctttcac	ggtatggtgt	ggcagcttcc	aggtagacgac	aggcctgcag	1560
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aagcccaggc	tgttgagcc	aggcaccctc	ctctgtcact	tgtgtcttgg	agccttaact	1740
ccagatgggg	gggtcaccaa	gagggagtg	gcaccctggc	gggccctctc	cccacctcac	1800
ctcttaataa	aggtcagaca	ctggc				1825

<210> 5539

<211> 2802

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1256)...(2063).

<223> similar to gi1903458 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5539

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aggcaagagt	gcccgtaca	accgcttctc	cggggggccc	agcaatcttc	ccaccccaga	120
cgtcaccaca	gggaccagaa	tggaaacgac	cttcggaccc	gccttttcag	ccgtcaccac	180
catcacaaaa	gctgacggga	ccagcaccta	caagcagcac	tgcaggacac	cctcctcctc	240
cagcaccctt	gcctactccc	cgcgggacga	ggaggacagc	atgcccccca	tcagcactcc	300
ccgcgcgtcc	gactccgcca	tctctgtccg	ctcccttgca	ctcagagtcc	agcatgtctc	360
tgcgctccac	attctcactg	cccaggagg	aggaggagcc	ggagccactg	gtgtttgcgg	420
agcagccctc	ggtgaagctg	tgtgacagc	tctgctgcag	cgtcttcaaa	gaccccgtag	480
tcaccacgtg	tgggcacacg	ttctgtatga	gatgcgcctt	gaagtcatag	aagggcgcgg	540
tggacaacgt	caaactgacc	gcggaggtga	acaacatcac	ggtggccgag	cagatcgggg	600
agctcttcat	ccactgccgg	catggctgcc	gggtagcggg	cagcggaag	cccccatct	660
ttgaggtgga	cccccgagg	tgcccttca	ccatcaagct	cagcgccgg	aaggaccag	720
agggcagctg	tgactacagg	cctgtgcggt	gtcccaacaa	ccccagctgc	ccccgctgc	780
tcaggatgaa	cctggaggcc	cacctcaagg	agtgcgagca	catcaaagtc	ccccactcca	840

agtacgggtg	cacgttcac	gggaaccagg	acacttacga	gacccacctg	gagacttgcc	900
gcttcgaggg	cctgaaggag	tttctgcagc	agacggatga	ccgcttccac	gagatgcacg	960
tggctctggc	ccagaaggac	caggagatcg	ccttcctgcg	ctccatgctg	ggaaagctct	1020
cggagaagat	cgaccagcta	gagaagagcc	tggagctcaa	gtttgacgtc	ctgggacgaa	1080
aaccagagca	agctcagcga	cggacctcat	ggagttccgg	cgggacgcat	ccatgttaaa	1140
tgacgagctg	tcccacatca	acgcgcggct	gaacatgggc	atcctaggct	cctacgacct	1200
tcagcagatc	ttcaagtga	aagggaacct	tgtggggccac	cagggccctg	tgtggtgtct	1260
ctgcgtctac	tccatgggtg	acctgctctt	cagtggctcc	tctgacaaga	ccatcaagggt	1320
gtgggacaca	tgtaccacct	acaagtgtca	gaagacactg	gagggccatg	atggcatcgt	1380
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tgtgtgggac	atccagaacc	tgcagaagggt	gaacaccatc	cgggccccatg	acaacccggt	1500
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gtatgcctctg	gcggtcatct	cgacgccaga	ccagaccaaa	gtcttcagtg	catcctacga	1920
ccggtccctc	aggggtctgga	gtatggacaa	catgatctgc	acgcagaccc	tgctgcgtca	1980
ccagggcagt	gtcaccgcgc	tggctgtgtc	ccggggccga	ctcttctcag	gggctgtgga	2040
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aagggggctg	tgtgtggcct	tgaggttggt	gtgcacaggc	actggctgct	gtgagtgggg	2520
gggcatgggg	cagtttccct	tgggtggacc	caggacttcg	gcccactccg	gggcctcccc	2580
tccctgctag	gaggcaactc	gacacaccca	agctgctggc	ctccagtccc	atctccccca	2640
acacattgtg	ccccaaaaaa	gtgagccagg	cacctctgtt	tctgctgtt	tattgacagc	2700
cgacggagac	gccttgccca	gacctccct	gcccacctgc	tggagcccag	cctgtgccgc	2760
cctctgagga	gaggcctggg	gggacagctg	ggcacgtcca	ct		2802

<210> 5540

<211> 1833

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (27)...(1059)

<223> similar to gi5706505 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5540

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tgtctctgct	tatagaccat	gtttgtagta	ggaggcagtt	cccatgttat	acgcagcaga	180
tacttacgga	gcattgtaat	gaagtgtggt	tctgtaaatt	ctctaattgat	ggcactaaac	240

tagcaacagg	atcaaaagat	acaacagtta	tcatatggca	agttgatccg	gatacacacc	300
tgctaaaact	gcttaaaaca	ttagaaggac	atgcttatgg	cgtttcttat	attgcatgga	360
gtccagatga	caactatctt	gttgcttggt	gccagatga	ctgctctgag	ctttggcttt	420
ggaatgtaca	aacaggagaa	ctaaggacaa	aaatgagcca	gtctcatgaa	gacagtttga	480
caagtgtggc	ttggaatcca	gatgggaagc	gctttgtgac	tggaagtcag	cgtgggcagt	540
tctatcagtg	tgacttagat	ggtaatctcc	ttgactcctg	ggaaggggta	agagtgaat	600
gcctttgggt	cttgagtgat	ggaaagactg	ttctggcatc	agatacacac	cagcgaattc	660
ggggctataa	cttcgaggac	cttacagata	ggaacatagt	acaagaagat	catcctatta	720
tgtcttttac	tatttcaaaa	aatggccgat	tagctttggt	aaatgtagca	actcagggag	780
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ggttttatac	aattcattca	tgttttggag	gccataatga	agacttcac	gctagtggca	900
gtgaagatca	caaggtttac	atctggcaca	aacgtagtga	actgccaatt	gcggagctga	960
cagggcacac	acgtacagta	aactgtgtga	gctggaaccc	acagattcca	tccatgatgg	1020
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agaatattga	agaggaatgc	agtagcatgg	atagttgatg	gtgaatttgg	agcagacgac	1140
ttctgtttaa	cttaaaatta	gtcgtatttt	aatggccttg	gatttggtgc	aaacaaacat	1200
gattgatagc	tggaacagaca	tgctcgcat	gaaaaaagaa	ccatttctga	agcccgattg	1260
gggccaaaaca	tttacacctt	gcttcatagt	aaccagttga	gatgaagcac	gtcgttagaa	1320
cgttgttgga	caccatgttg	aattattccc	ccatcggttg	tgaagaactg	tgctacattc	1380
aggcttacc	attgaactca	gtatatatat	tttttccctt	cctgtctttt	gtctggcagg	1440
ataccattct	tgttgtctct	ctgtgtaatg	aagtttaaat	gcttgtttgg	aaaactttat	1500
ttaacagttt	agaaggcttg	atagaaagag	tgcattagtc	tgaagagtat	acattggata	1560
ggaaagaatt	tccttctttt	gtttctccaa	atctttccgc	cttatttagc	ttgagatctt	1620
tgcaagcttg	ttcatggatt	ctagccttgc	ccgttgcgca	gtatatactg	atccagatga	1680
taaaccagtg	aactatgtca	aaagcactct	caaataattac	attttggaca	aaaagttttg	1740
tacttttcac	atagcttggt	gccccgtaaa	aaggggtaac	agcacaattt	tttaaaaaata	1800
aattaagaag	tatttatagg	attaaaaaaa	aaa			1833

<210> 5541

<211> 1251

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1194)...(366)

<223> similar to gill177358 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5541

tttttaagag	gttcatgaca	caaatatatt	tatattaggt	gaatcaatca	cccaggatac	60
ccaagatctg	atactttcac	aaactgcttg	gaggcaactt	aagtatggaa	gaagcttcag	120
aaccagccca	gctttctgct	ctctggctcc	aggctgcac	ctttttaact	atttaatgtg	180
gcgtggaaaa	tgtcagcata	atgaggcttt	ctcatctcaa	tagagaacct	aggaaggaca	240
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gaatcatatc	gtcctattct	gtgacacatt	agaaacataa	actttagggc	tttttcatct	360
ccacagcata	gaggtctgat	cgcttctgtc	taaaaacggg	gatttgctgg	cgtatttcag	420
ccagcttctt	caggtctatg	tctgaataca	cgattgcttc	ttctgtgcca	gctttggcta	480
gaacctcccc	ccaagggttc	accacggtgc	tgtgtcccca	ggcaacatag	gaggctttgt	540
catcccgggc	aggagaggct	gtggccacat	acacctgatt	atcaacagcc	cggcttcgct	600

gaagtaactc	ccaatgggct	ggtccagtgg	tcagattaaa	agctcctgga	tataccaaca	660
gctggcagcc	tctctgtgcg	tagattttgtg	caagctctgc	aaaccgcatg	tcgtagcaga	720
tgcccagacc	cactctgcag	taaggagtat	caaatgtgga	gaaactatca	cccggactca	780
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gaagctggat	gagggccaag	cggaaagagg	tcatgactct	gcagacaagc	accacctgcg	1200
gcgcggaatg	agcgcctggag	atccggcgga	ccgcggcgctc	gctacacgaa	a	1251

<210> 5542

<211> 1553

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1324)...(641)

<223> similar to gi3878106 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5542

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cacacctgat	tttaagtgt	taaaggacag	aaaatgtcgt	tgctttaaat	tgttgctttg	180
ttcagagaca	tctggatttg	ctgtatccat	acaagcaaaa	gcttttccaa	ttccagaatc	240
aaccacact	aatttgttat	tgctctgtac	tgtattggcc	cagctgtaat	caactcagca	300
ggcttttggt	tgtaaattca	agtggaaatt	gagttggtct	tatttgtgcc	cgttgatata	360
tgagggtgt	gaggaagatg	gccagtaggt	caaaggggaat	agtgttgaaa	agctgaccag	420
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tgagccacat	ttgcagaata	tagccagagt	ccttcagaaa	cctcctgatt	cgcgccagga	540
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cagcttctac	ctgggtcagt	gccgggggtg	gcagcccatc	ctctccgtag	aaccgtcctg	1020
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gcatctcagc	ggctgacagg	tcgatacgt	catccacgag	gcctgcttca	gaacagtcct	1140
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cgtagtgct	ccggccggag	gacacatcgt	agacacggcc	gagcaacgcc	aagtacaggc	1260
ccgggtcccc	tgggcccggc	cggtagcgag	acagctcctc	cggtatgaaa	aggcgaaaagc	1320
cagcgcgggg	acccaccag	cccataagcc	gtgctgccat	taccgctgct	gcggctacag	1380
ccaggcccaa	caaaagccca	cggcctccgc	acctcaacat	ctatataggc	ccaccgcctc	1440
cgcacttccg	aggttgccgc	ctctatctac	agctaagatg	gccgagacgc	cgagcgtgac	1500
gtcatcggcg	cgcgcgtctc	cgctctctct	ctcgcgcgct	agtgtctcg	ctc	1553



<210> 5543  
 <211> 1516  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1094)  
 <223> similar to gi5911963 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5543  
 gcaaagcgca aaaagataaaa tcagaattca agtaaagaga agattaataa tggacaagaa 60  
 gtcaaaatcg atcagagaaa tgtaaaaaa gagttcacta gccatgcttt agattctcat 120  
 atcttagatt attatgaaaa tccagccatc aaagaggatg tatcaacatt aataggatgat 180  
 gatttggcat cttgcaaaga tgagactgat gaaagctcaa aagaagaaac tgagcctcaa 240  
 gtgctgaagt ttagagtcac atgcaacagg gcaggagaga aacattgctt tacctcaaat 300  
 gaggctgcaa gagatttttg ggggtgctgt caagattatt ttaagtggaa ggccgacatg 360  
 accaactttg atgtggaggt tcttttgaac atccatgata atgaagtcac tgtgggcatt 420  
 gcattgactg aagagagtct ccaccgaaga aatataacac attttggacc tacaactctt 480  
 agatcaactc ttgcctatgg gatgctcagg ctctgtgatc ctctacctta tgatataata 540  
 gtcgatccaa tgtgtggaac tggggcaata ccaatagagg gggccactga atgggtctgac 600  
 tgcttccata ttgctgggtg taataatcca ctggctgtga atagagcagc aaataacatt 660  
 gcatctttat tgaccaagag ccaaattaaa gaaggcaaac cctcctgggg cttgcccata 720  
 gatgctgttc agtgggatat ctgcaatctg ccattgagaa ctggctctgt ggatattatt 780  
 gtaacagatt tgccatttgg aaaaaggatg ggatccaaga agagaaactg gaacctttat 840  
 ccagcttgcc tacgggagat gagccgtgtc tgcacacctc ccacaggccg agctgtacta 900  
 cttactcaag acacaaaatg ctttaccagg gcgttatctg gaatgcgaca cgtatggcga 960  
 aagggtggata cagtctgggt gaacgttggg ggtcttcgtg ctgcagttta cgttctgata 1020  
 cgtacacctc aagcttttgt tcatccttca gaacaagacg gagaaagagg aactcttttg 1080  
 caatgcaaag aatgaagatg actaatagta cttgtacttc ccaccactgg aatgtttagc 1140  
 ataaaagaac ttggagagga aaaaagtatt aacaaaactg cagtctgcac tctttaaac 1200  
 tgtttaaggc tcttcactct ggtagcaaa aggtgtgaat gtaatgtgat ggaatttaaa 1260  
 agttttatga gaccaggcac agtggctcac gactgtaatt ccagcagttt aggaagccga 1320  
 agtgtgcaga tcacctgagg tccggagacc aggcctggcc aacatggtga aacctgtct 1380  
 ctactagaaa tacaaaaatt agccaggtgt ggtggcgggc gcctgtaatc ccaactactc 1440  
 aggaggctga ggctagagaa tcacttgaac ccagcaggcc ggaggttgcc ggtgaagtcg 1500  
 agatcacccc attgca 1516

<210> 5544  
 <211> 492  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (394)...(280)  
 <223> similar to gi4589248 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5544  
 ccgtggccct gcagagcact ccctctcttt ttctagaggc aggaaacagg tccagagagg 60  
 ttccgtggct gtccagtagt tttagtagga agtaagggaag taggaaggta gaagctgaat 120  
 ctaggttagga ctgtgggctc tcgagtgcgt caacttaaca ccattgccca tttcagcacc 180  
 aactccccctg tccctccaga tgggtgtggct ctcgagggca gactaatccc atcaggcctt 240  
 ttcaggcctg gccctccctgg cccaccctgc ttagcacctg cggatctcag gggccagctg 300  
 ctccatgtcc tgggtggaaga cgtagggagg gttgtctgaca atcagggtcca tggggcccca 360  
 gggcaggtgt gtccagctcc tttctgtcgt caaagaagag gacacacagt agggactaac 420  
 ccattgggag gtaaaggatg atagctccac ctgccaccat gtgcctctca ccattgccaca 480  
 ccttgggcct gc 492

<210> 5545  
 <211> 2081  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (37)...(567)  
 <223> similar to gi3298607 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5545  
 cgaccatgct taccgattca ctggccgctg tgactgggtga accatcaaaa gagagtgata 60  
 gaatctggcc cagaccattt gaatgacaat gaataacca agtttattcc tcctaattat 120  
 cacacacctc cttatctcac tggtagacca gaggttaactt accaccgatt aaggccacag 180  
 gataagtttc tgggtgtggc tactgatggg ttgtgggaga ctatgcatag gcaggatgtg 240  
 gttaggattg tgggtgagta cctaactggc atgcatcacc aacagccaat agctgttggg 300  
 ggctacaagg tgactctggg acagatgcat ggccttttaa cagaaaggag aacccaaatg 360  
 tcctcggat ttaggatca gaacgcagca acccatctca ttcgccacgc tgtgggcaac 420  
 aacgagtttg ggactgttga tcatgagcgc ctctctaaaa tgcttagtct tcctgaagag 480  
 cttgctcgaa tgtacagaga tgacattaca atcattgtag ttcagttcaa ttctcatgtt 540  
 gtaggggcgt atcaaaaacca agaatagtga gtggctcttt cactggcaat tctcaaataga 600  
 tacacattta aagggcagat ttttttaaaa agatactact ataataaaca tttccagttg 660  
 gtcattctaa gcatttacct ttttgatact ctagttagtc aggtactcca aattgacttt 720  
 gcagcagggt ggcagggtca ggagagtctg gtccctgcta gctcagattt catggcacct 780  
 gccacttgaa gcaagtcact tctttatcac aggtgtcttg aaacattagc ttcttttacc 840  
 aacctgagaa aattaggatg acctggcaaa taagatcttg aataggccaa aagcaagtat 900  
 cttgctgtgt gtagtctctt ggtaaagtg aagaaacagt actgttcaca ctttcttca 960  
 ctgagattcc agtgtacatg agaacatata tttattgcat gattttctag atacacagtc 1020  
 tatgcattat tcatatacat ttatttttagc cttaaagtgg tttcaaatacc agttcttcaa 1080  
 gccataaatg accaagatcc aagcaatctg aatttgtttt tgtgattatt tgactggaat 1140

gcttcttaag	tggaataact	atactccgtt	atccacccga	tttcctaata	taattgaaag	1200
atcttctatt	ttgccacaca	cttggagaca	ataaggggtt	ttagttttat	ctactcttct	1260
attgaagtta	aagaaaaaaa	aaaagatttt	tttatttgta	ttaatgaaaa	gctttagttt	1320
aaaataagga	gatccagaat	aaaaagaaga	gactgatctc	ttcaattatt	gtcatctgta	1380
gccaccagca	catcactctt	atgtaatccc	caaaggcttg	gcatgccgta	agtgtgtggt	1440
gggtagactg	ctgccgggga	atcgactctc	ttatttagta	atgataagac	ttttcattat	1500
ttttggaatt	ttaaagatga	cataaataag	tttaaataac	aatttgggga	gtaagggtta	1560
atattgccat	cgggtattga	gacaggagga	agtttctggt	tttctccatt	tagacatagg	1620
tcaattaaaa	tatttgggtt	taaaatgact	aaatgcttta	aacatattgt	agcttaagat	1680
atatgtgtta	agatatatac	atgagaaact	ttaaaaggta	actactgtgc	atgcctgatg	1740
cttaatagaa	tacttagtgg	catcaaatgt	ttgcagcagt	ctccataatt	atattcagtc	1800
ccttctaata	ctgtatcaat	gtaaatgaaa	taaatatatt	caaattggct	ttttgatatg	1860
catcaagtgg	cattttgttc	ctgtgtttta	tagtgatctg	tatacagctg	tgcacatatt	1920
gtcatcactt	attctagcat	cactgttaag	gctgtgatta	tgtttgatat	tcacctggat	1980
tttaatacaa	gccaatatca	gcttcccatt	gtgtaataac	ttgggtgttt	aggagtcttt	2040
tcacattttt	tggggatatg	aactagatgt	tcaagaactc	c		2081

<210> 5546

<211> 3018

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3019)...(1219)

<223> similar to gi5817280 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5546

aagctcacag	caaagagaag	ggctcctgaa	gcaagttgcc	agttgcccc	ttcacagtgt	60
aatacaaggg	tgtaaggcac	gaatttctgg	tggctccacc	ccatccttcc	agtgtgctgt	120
tgggccctta	gtctgagcca	ctccatatta	atttatatcc	cttgctgtgc	atatgttacg	180
gaatggaatt	ttccacgtgg	acatgtttag	gcaatccccc	ctttgcaagt	tcccttatct	240
gcacaaagca	tctcatgctg	tggagccagt	ggcaggttct	ccgggaccct	tcccttactg	300
tctgcctaaa	gcaaactggc	taaattcttt	cacaagtttt	tctttttctt	ttttttcttt	360
ttctttcttt	ttttttttcc	aatttgcatt	agaaagcttt	tattgagacc	aggttaacca	420
gtggcctgaa	aatattacag	gctgaaggaa	ggctgaggaa	accagtatga	aggcagctca	480
aatgatgaac	taaatatatt	ccaaaggtag	tatttatact	taaggcagtt	ttaaaagtga	540
ggtcttaacc	aaaaagcctt	tacatggcat	tcaaaaacaa	aacaaaaaca	aaaaaacac	600
gggggggggg	ggggcactta	aatctcttgg	attgactaaa	agagctaaat	tatgtaccca	660
aaatctgtac	agcagggggc	tgttttcagc	aggaaagcct	atgtacaagt	aagaacctct	720
tactcttgta	acattgtcct	gttttgtttt	gtcttataag	aatatataac	tcctatcctc	780
acagagttag	tcataaggc	ctcagtgaac	tcacagaaat	atggagttaa	cctctactac	840
agaactattt	acactgcact	gtaaatacac	atatgtgtgt	ccaccctcac	agctaagctg	900
tcaatgcctt	gagtgaagg	gttacagctc	attcgttttg	catctacagt	gacaatgaat	960
aggcactcaa	tacatacttt	tttttgcagt	aatgataaat	gaaatgattt	tacattacca	1020
ccactattta	cattaacatt	cctaccatta	gccgtctcca	aaataaaaac	acaaaattgc	1080
tgccacatgt	tcagcagttt	tcacaataca	gtgtgtctgg	actttttaat	gtaaacaaac	1140
atgcttgatt	taccaatttt	cagagcaagg	acacaaactt	agcattcttc	taggaatgga	1200
aaacttgcca	ggaagttact	tcattctttt	tttttttttc	aaaagtgcac	ctcgtagtgc	1260

caactgtttt	tctcggaagg	aacgcttatt	ttttgaccgg	acattctggc	tataccgcat	1320
catcataaag	ttcttctgtt	ttttcttctc	tttatttgtc	gaactggaaa	atggatttgt	1380
tttggttttc	ttcctcacaa	attcttttctg	gtctgtcttt	ccagccattg	cagttgctag	1440
tcttgtctct	ttgtcagact	ttggcttttt	atgaaggcgt	tcaatgtccc	gaagagaaag	1500
taattcaccc	ctgggctctt	catcactgtc	tatttcaatg	tatttctctt	tctgggattt	1560
cccgggggca	gcatcaagtt	cttttctcat	ttgggccatg	cggattttct	ggaagtcttc	1620
ctgagttaaa	actcggctag	tgtgatggc	tgcagctttg	gccttccgct	cctccatggg	1680
catgctgttc	agcttcttgg	agatttcttg	ctgttcttca	tcggaagagt	gttgcacatc	1740
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atcattttca	gcattctctt	ctttctcaac	ttccagaact	tctgctcctg	gaatgtaatc	1860
tttagcatct	aattctccat	attcttgtac	tcttgcttct	atggaggcct	ctgtaggctt	1920
accccggaat	ttcttctgca	gcactctgagg	attcagtgtt	cggagagggt	gaatcaaagt	1980
tctagcagac	atcattacat	tcttatcctt	gtgtgtttta	tactgagcca	ggtcttggag	2040
aagtctttca	gtcatggcca	gaggacatcg	agctgttata	tcttttatag	cattgattcc	2100
tactgtcatg	acttctccag	agttcttgtc	ggtaacaaaa	ttgtttgcca	cagtcataag	2160
caatgattga	ataatctctg	ggggtactag	gtgatgagat	gcttgtgcag	caaacagaag	2220
gatcttggtt	acttctcttt	gggtgggctg	cagaaacctt	tgcaaaaagg	gatagaaatt	2280
gaagaggaaa	agctcatgaa	ttcccaccaa	tctggagata	aggttcatga	gcatcatctt	2340
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gtgtttcttg	agcactttca	ttgccttttc	caactttttc	ttgttttttg	aacttttctt	2520
ccctgtagca	tattgtacta	gcaggctctt	tgtgtttggt	ccatcatcct	cagattcggg	2580
gtcactgtcc	tgtttttcat	cttcatcttt	cccaagaaag	aatgtcaaag	cggcaactaa	2640
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attgctatct	cttaacatgg	tgtacatgaa	attttgcaat	actacattca	ctttattgct	2820
cttgtgtttt	gcatttatat	tcttgatatc	agtcacaata	tgtgtgtata	aagtctttcg	2880
cagaagttta	tcatggcaac	gaaaaagttc	aaagaagagt	tctagcaggc	ttgatggatt	2940
gatgagattc	ttatttctca	gcaagatcaa	agctttgcaa	aatgtcattc	gcagatctgg	3000
atccgatacg	gtatgatt					3018

<210> 5547

<211> 1428

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1427)...(998)

<223> similar to gi4186185 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5547

atttctgcta	cagtcatgca	ttctttaaca	tcttgtttat	tagcaaaaat	cagcttttca	60
ccaaggaaga	aataccttta	ttaggagtct	aggcatgtca	gaaaaaccca	gttcagtcac	120
agaaaaggag	gcaaatattg	gtacagagca	agaatccaag	tgtgaaaata	aaacctccat	180
ctaaatatcc	taacagaaat	gctgctgaat	ttagcccagg	tgaaacttct	gaaagctcct	240
ggtgaaatga	gattttttgca	taaagagaga	gctctccagc	actgctgcat	ctgagcttct	300
tataaagtga	cgggtcttgg	ccagcagtag	aggaagagat	aaaggggatg	tctcatcacc	360
caagcaaggt	cgtctgtgtt	caagtgaag	aagaacctta	gggttttgga	cagagtaaac	420

tggggcagca	gagggaaaat	ggctgaggaa	acacaacgtc	tagggccgtg	tgtggcataa	480
tgtggagggg	tctgtgcagt	ctggtgtgag	tgcattctcca	ggaggtcttg	ggaaacactg	540
gcattccttc	ctgaggccat	tttggttctg	ttctgacttc	attcagagca	gaactgccaa	600
tgtccagcgc	caagtccctg	atcataatta	gctgagtggg	atgcagtagc	caccctatga	660
ctcccatacc	tcttcctttc	tggagcagtc	acttttctca	gaccaagtga	gatcttacct	720
agttaggggc	caatctagaa	atcactccca	ccttcatatg	agcaccaggt	ggagagaatc	780
attctcatga	ctcaaagctt	tagatctcga	tcctcagatg	atgttccttg	gacagaagat	840
cagtctgaag	ttatctgtgt	caagagtagc	tggcactgcc	catgggtaat	gggccaagc	900
gatgtgatgc	cgcagctctc	ccaaagaaga	gctctctctg	ctttcacagg	caggagagga	960
ggaaatgagg	caggcttcaa	ggtagtcaat	gccacttaat	tcttccatcg	aatttgcgag	1020
ctgctgagaa	gagcatcaat	cttctcctcc	tctgctgata	ctttatctac	cttactcctg	1080
tatgctagca	actgttgacg	atccttcagg	tcccggtagg	tatcaatgac	gacatcatgg	1140
cacttgaact	tagtggctaa	gttcaacttc	gtgtccacat	cttccaccag	attgacatac	1200
tctgttaata	tctgcacagg	ggcattgttc	ttgtgcaaaa	tttcgacaac	ccgatggaag	1260
ccaatgggtg	ctctcttctt	ggtatagccc	agccagttct	ttgtggtgaa	tagggcatct	1320
acatcattcc	aggctcgaag	cttggcacga	gcagccaggg	ctgtcagcac	atactgttta	1380
tctgggatct	taaatgtctt	cttcaggttg	acgggactgc	tgaatgcc		1428

<210> 5548

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(285)

<223> similar to gil408209 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5548

atgggcacat	caaacattac	aacgaatgtt	gaaaagacaa	aaagggggta	taggaggcca	60
actaccacct	caatcaaaac	tacatttagc	cttatttact	ttaaaatttt	tgactcctgg	120
tacggatggt	aagactccag	cagaaagaca	ttggcaagtg	ttagaggaaa	agaggaaagt	180
ttatctgaaa	gtgttacgga	aatccccaga	agaaggacaa	tggaaaggcc	cggtggattt	240
actgacatgg	ggaagagggt	atgcttgtgt	gtttacagga	gattgacaag	ccatgtgggt	300
gccctcaagg	tgcttgcaac	cctggaatgg	gagactggag	aaacatgggg	tggccaacca	360
tgggcccagt	ccctccggtg	tgagccatga	gtcagct			397

<210> 5549

<211> 1255

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(331)

<223> similar to gi4240255 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5549

ggcagggcgac	catccgggtg	aagtgtctga	ccgctcagca	gcagtcaggc	gagcgtctct	60
cagctttcgt	gttgcggctg	gaagtgtctg	tgcagaaggc	catggagaag	gagggccctg	120
ccagagcatc	cgccgaccgc	gtgcgcctga	ggcagatgct	caccagggcc	caccttactg	180
agcctctgga	tgaagcactg	aggaagctga	gaatggccgg	gaggtctcca	agtttcttgg	240
agatgtctgg	gctcgttcgg	gagtctgagg	catgggaggc	cagtctagcc	aggagcgtga	300
gagcccagac	acaggaaggg	gccggtgccc	gggctgggtg	ccaggctgtt	gccagagcca	360
gcactaaagt	agaggcggtc	ccaggagggtc	ctggtcggga	gccagagggc	ctcctccagg	420
caggaggcca	ggaggctgag	gagctcctcc	aggaggggct	caagcccgtc	ctggaggaat	480
gtgataacta	ggttggggct	ggggaggcag	cccagcgcga	gtcctccccg	ggcaaatagg	540
ctccgagggc	cccggggcct	cctctcctcc	tctcaggcag	cagggccctg	gagacaggcg	600
gaggcggggc	cagggccggt	ccctcaccac	acatcgggat	cggggcccc	cacttcccc	660
caagggggccc	tgcccaccac	caccttcccc	gtgaccaga	tgaccacatt	taataccaaa	720
tggggtgggg	ggaggcgccc	ctccagtgcc	aggggcacgt	gctgtgagct	tcttgggagc	780
ccaggttgtg	ctcactgtct	tcccgatatc	tgagcaccac	ctctgctttc	cctgcgtaga	840
tctaggccag	gggctgcttg	tttttgtgga	gccgtgtgtg	ttcttctctg	agcagctcct	900
ccccagagga	ccccagcgca	gtcccgggag	atggcgga	gaaggcacca	gggcacagt	960
gacactcatc	cgtgacagc	gatggtgacc	atgactgtgg	gagaaagaac	aggacccggg	1020
atggagtggg	gctgtctgag	tttccccagt	gaactttgtg	ctttggcggt	ccaccctgt	1080
tgttacttgt	tactgagttt	cctagacctg	gggtgggtgt	tccccagga	ggaggggggt	1140
cccgacctgt	gtcctgtggt	ggccatttgc	agcttctgtg	ttgtgattcc	cttctcttca	1200
acggtttcaa	gtacatatct	ctcaataaat	ttcattcagt	gttccaaaaa	aaaaa	1255

<210> 5550

<211> 2009

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (46)...(1614)

<223> similar to gi1293680 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5550

cgggatcaat	ttgatttgac	agtcggtata	actgatcctg	agaagatggc	gtcgggtggt	60
ggtggctgta	gcgcttcgga	gagactgcct	ccgcccttcc	ccggcctgga	gccggaggtcc	120
gagggggcgg	ccgggggatc	agaaccgcag	gctggggaca	gcgacaccga	gggggaggac	180
attttcaccc	gcgcgcgggt	ggtcagtaaa	catcagtctc	caaagataac	tacatccctt	240
cttcccatca	acaatggctc	caaagaaaat	gggatccatg	aagaacaaga	ccaagagcca	300
caggatctct	ttgcagatgc	cacagtggag	ctatccttgg	acagcacaca	aaataatcag	360
aagaaggtgc	tagccaaaac	actcatttct	cttctcctc	aggaagccac	aaattcttctg	420
aagccccagc	caacctatga	ggagctagag	gaagaagaac	aggaggatca	atttgatttg	480
acagtcggta	taactgatcc	tgagaagata	ggggatggta	tgaatgcata	tgtagcctac	540

aaagttacaa	cacagacaag	cttaccattg	ttcagaagca	aacagtttgc	agtaaaaaga	600
agatttagtg	actttctggg	tctttatgag	aagctttccg	agaagcactc	tcagaatggc	660
ttcattgtcc	ctccgcccc	ggagaagagc	ctcataggga	tgacaaaagt	gaaagttggg	720
aaggaagatt	cttcttctgc	agaatttctt	gaaaaacgga	gggccgcttt	agaaaggtac	780
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gaaaaagaag	agctgccacg	tgccgtgggt	acccagacat	tgagtgggtg	tggtctcctc	900
aagatgttca	acaaagccac	agatgccgtc	agcaaatga	ccatcaagat	gaatgaatca	960
gacatttggg	ttgaggagaa	gctccaggag	gtagagtgtg	aggagcagcg	cttacggaaa	1020
ctgcatgctg	ttgtagaaac	tctagtcaac	cataggaaag	agctagcgct	gaacacagcc	1080
cagtttgcaa	agagtctagc	catgcttggg	agctctgagg	acaacacggc	attgtcacgg	1140
gcactctccc	agctggctga	ggtggaagaa	aaaattgagc	agctccacca	ggaacaggcc	1200
aacaatgact	tcttctctct	tgctgagctc	ctgagtgact	acattcgctt	cctggccata	1260
gtccgcgctg	ccttcgacca	gcgcataaag	acatggcagc	gctggcagga	tgcccaagcc	1320
acactgcaga	agaagcgagg	ggccgaggct	cggctgctgt	gggccaacaa	gcctgataag	1380
ctgcagcagg	ccaaggacga	gacctctcag	tgggagtctc	gggtgactca	atatgaaagg	1440
gacttcgaga	ggatttcaac	agtgggtccg	aaagaagtga	tacggtttga	gaaagagaaa	1500
tccaaggact	tcaagaacca	cgtgatcaag	taccttgaga	cactccttta	ctcacagcag	1560
cagctggcaa	agtactggga	agccttcctt	cctgaggcaa	aggccatctc	ctaattggacc	1620
aaggacccca	gagcccacct	gtgtgacgct	gcctttttat	acactgtcct	cctccacctt	1680
gatggacccc	tagtgatgca	tcttgccatg	gctggactta	accccttctt	ccctgtcccc	1740
acgaccaact	gtccccagtt	actctaaccg	ttatttcatt	tagcttccat	atatattttc	1800
ttacctaaag	gaatagtttc	ctgctttaag	caaaagacct	acaatagggt	gtggaattat	1860
gggatggggg	ggagtattga	tataaatata	taaatacaaa	tgtatatatt	tcaggatgtg	1920
gttttaggaac	tgggaataac	gttttctgtt	actcctgatg	gtgccatgaa	aaggttatgt	1980
aataaaatat	tttaaaatca	aaaaaaaaa				2009

<210> 5551

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(599)

<223> similar to gi4680697 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5551

ctggaggagg	aattagcttg	aagcatggcg	atgaaatcta	cattgctcct	tcaggagtgc	60
aaaaggaacg	aattcagcct	gaagacatgt	ttgtttgtga	tataaatgaa	aaggacataa	120
gtggaccttc	gccatcgaag	aagctaaaaa	aaagccagtg	tactcctctt	ttcatgaatg	180
cttacacaat	gagaggagca	ggtgcagtga	ttcatacca	ctctaaagct	gctgtgatgg	240
ccacccttct	ctttccagga	cgggagttta	aaattacaca	tcaagagatg	ataaaaggaa	300
taaagaaatg	tacttccgga	gggtattata	gatatgatga	tatgttagtg	gtacccatta	360
ttgagaatac	acctgaggag	aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	420
accagactc	ctgtgcagta	ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	480
gggagaaggc	caaaaccatg	tgtgagtgtt	atgactatct	atttgatatt	gccgtatcaa	540
tgaagaaagt	aggacttgat	ccttcacagc	tcccagttgg	agaaaatgga	attgtctaag	600
ccaaaagaaa	gtctaattat	atacagagat	aaagctaaac	gtaattatta	tttaaatgaa	660
agctatTTTT	ttaaataaat	tgaatttttt	catgatgcta	ctaatttgcc	actaaatact	720

gcaaattgggtc accctgaatc tcttctgaca ttggatgtta tttgcttata ttctttataat	780
tttaaattgag ggcacagtga aatgaaaatt tt	812

```

<210> 5552
<211> 2403
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2392)...(1576)
<223> similar to gi2114473 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 5552						
tttttttttt	ttcacggggc	taggtctgct	ttttattggc	cacgcatcca	gccgccagcc	60
tcagggcaca	cacctggcag	ggggcaggct	cgggtaggct	gccctcgctg	ggtgggcagt	120
gagggggcag	cggtctgtgg	gtgtcaccct	gcagcccctc	aggtggacct	gtattgtccc	180
cagggcctgc	ccacgctggg	cagctggcac	tgggaggggt	tttctgttga	tgtgatggcc	240
aagtttcagc	tgcagggcag	aggcctggca	gtggcagcaa	aggcagaccg	cccccaactc	300
caacttcagg	ggctggacat	gctggaacgg	gggccagacc	ccatgggagg	ggaccctggc	360
ctgccatggc	actgcctgcc	agcttacccc	tgcccagggc	cccccaactca	gccacctcca	420
agcagtaaag	acttgcaaag	cattgcattt	tgattaaacc	ttgctgggct	gaagggcagg	480
cagagctgtg	gtggacactg	gcaggacgca	gcaccccccg	actggccctt	ggcaggctgc	540
accgggcgca	tgcgggtgtg	ggccagggtt	gccttttagga	agcagggtggg	aggctggcac	600
gtgcaggcgg	tccaggaggg	caccaggcct	ggcagggcac	tggctgctgt	cgggttccca	660
gccacaacac	cccaagaagg	ctccaggagg	gccccggctg	ggtaaggcac	ggagttttgg	720
tttccggggc	ccagtcccag	cctggccccc	agaagagcct	ctcttggcag	aatggcagca	780
tgtcctgtgg	cctgggctct	ctcacttggc	cttgggcctg	ggcctgaggc	cttactggat	840
cacacacagt	ttctttgttt	tattatcatc	agaatcaggg	ggaacctctt	cctggctcct	900
ggagggacgc	ttcttccttc	gcttcccggg	cccccttgag	gcccggcccc	gggcccctggg	960
gagtgtgccc	gaccccagag	agtcggtcac	cgcatacctc	gagaaggact	tgtccaggga	1020
tgtgtccagt	gcggaactct	gggcccgtgt	ctcctcgctc	tcgtcctcat	ccccacctgg	1080
gcctgtgtga	gggggtctgt	caccacggct	gtggacagcg	tcctccagcc	cctcacttgt	1140
gctgtcggcc	tgggcctgga	ggacgcccag	caaggacgtg	ggatccttgg	catcttgcc	1200
tgaacttccg	gctgcagggg	gctggttget	ggagaacttg	aggggcttca	gggcctgagc	1260
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ggttaggaca	tcgttggcat	ccacatacca	ggaagaacgc	ctctccaggg	gccggggacc	1380
acctcctcc	aactgctcca	gggtgggctg	agggccgggg	gtcacggcgt	ctacaaggtc	1440
ccagccccgg	gactcgctgg	ctgttgtagc	atcaaggccg	ggctcagagg	cgggacagcg	1500
cgtgtgcccc	acggggtctc	ctgcagggtt	actggtggcc	acaggctctg	tggctcttgg	1560
gggatccatg	gaggctgcct	tgtgtcccc	gtcgggtgtc	ccgcgcccc	gggctgtctt	1620
ccgcagctgg	aagcccttcc	tgatgtcagc	cagcagggca	tcgatgacac	acacctcctc	1680
ctgcttcccg	ggcccccttc	tgacaggctt	cccgtcctct	ccccgaggcc	gccgcgcctc	1740
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gttctccttc	agggcgcgga	ggaaaagggt	ccggaaagcc	ttcatggtgc	tgaacgtgtc	1860
ctccagggac	agctgctggg	cgtcctcaca	caggtagtcg	gccagctccc	gttgcttctg	1920
ctcgatggcc	tcaaacagct	cgtccagtgc	ccggaaggcc	gagatgctgg	cctggaggcg	1980
ctcgggtgtac	tgtccttgga	cctcgccac	ggaggcagac	accttccgct	cggctctccag	2040
aagcttcttc	agggtggagc	tggcctctga	gcggatgac	tccaggttga	tccctgctgc	2100



ttgcgagggc	tgttccaggt	cccggggcag	ctgcaggagg	tcgggggtggc	tcttttccgc	2160
ttcctccagc	acgtgggtgca	gcagcgtcac	gcggttctgc	tgggacttgg	tctccgtgag	2220
cttcagcaat	gtgctgatct	tgaagccgtc	ggcgtcaccg	gtgtggctgc	cgtagttgag	2280
gaagttccca	attctcagga	tcagctggca	gaagatgggc	agctggcggc	tggtgagcag	2340
cctttcgca	gcagccagca	ccagctgggc	cttgggccgc	accatgtcca	gcacggcggc	2400
cgc						2403

<210> 5553  
 <211> 949  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (946)... (898)  
 <223> similar to gi3157938 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5553						
gatacacagc	cctacccacg	tgcctctcca	gtacatcggc	cccaaccagc	cccgggaagcc	60
tgggctgcct	ggccagcctg	ctgtaagcta	agaacccacc	cacagcagcc	ctcggggggtg	120
tactgcttc	ctggagggtc	aggagacccc	ggacacctgg	gacctgtgtt	cctgagcccg	180
tcttgacatc	tgtgttcttc	ctgtcagctc	cacgcccggg	cccctggacc	acgggggtcca	240
cctctcctct	gtccggacca	tttattgggg	actttttgct	cagcactgta	ggagaaaaga	300
aggaaggagg	gatggaagcc	tcttcctctg	cttctcctgt	ccctagaacc	gtaaagccca	360
gacgtcctgc	ttcccaactg	gacctcaat	gataacaggg	tcagtgactg	actctgaggc	420
agcaaggaca	gaggagaggt	ggaccccgtg	gtccaggggc	ccgggcgtgg	agctgacagg	480
aagaacacag	atgtcaggac	gggctcagga	acacagggtc	cagggtgtccg	gggtctcctg	540
aactccagga	agcagtgaca	cccccgaggg	ctgctgtggg	tgggttctta	gcttacagca	600
ggctggccag	gcagcccagg	cttccggggc	tgggtggggc	cgatgtactg	gagaggcacg	660
tgggtagggg	ctgtgatccg	atcagtgccg	aggtaggact	ggagggcagg	gggcacgagc	720
actgagccgt	ccttctgctg	gttactctcc	aggagcgcg	tgagaaggcg	ggggacagca	780
caggcggtgg	cgttcaccgt	gtgggcaaac	tgcagctccc	cagcctcggt	ctggaacatg	840
atgtggaggc	ggcggtctct	gaagtctgtg	cagttggaag	cactggtgac	ctctccaaag	900
cggcctcggc	ctggcatcca	ggcctcaatg	tcaaacttgc	gctcgtgcc		949

<210> 5554  
 <211> 720  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (175)  
 <223> similar to gi5730484 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5554
gctgataata gaaagatgtc tcggaaggag aaagatgaaa gaatcttgtg gaagaagaat    60
gaagttgctg attatgaagc tacaacattt tccatcttct ataacaacac tctgttcctg    120
gtcgtgggtca ttggtgcttc cttcttcata ttgaagaact tcaaccccac agtgtatcct    180
tttcaagggtt gattatcttt tttagaagtc aagaaacagt agttcatttt ggttttgact    240
tgtctggata ttttagtgga aagaaaaact gctctgggag tcagtccatt aaatagtgct    300
gacttttagat aactttctgg acatttaaaa taacagctat tggtttaaga ttcttttaag    360
tttatgaatt atgactgtat gataaagtat tacaagtag tctatgggaa tctgtgtcct    420
tgctcctta aaaaaaagct ccaaagagcc aaagcaaacc tgctattttt gatagcttct    480
gaaataataa gccctgtac ctgttatttt tgggctctgg gggttgggtg gatggccaat    540
gcagttaaat aggttcattc cagtgtatct taatagtgtt tcaagctgct gttaagttga    600
gcttttgggc aagaatcagt cttctcttat taatttatta aagatgttat ccaggaatgt    660
gcagccaaga ttttaacaat tgggtgattat gatgtaataa aatatcagaa accatccaaa    720

```

<210> 5555

<211> 3163

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2759)

<223> similar to gi5726289 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5555
atgggggttat tcagagggtt tgttttcctc ttagttctgt gcctgctgca ccagtcaaat    60
acttccttca ttaagctgaa taataatggc tttgaagata ttgtcattgt tatagatcct    120
agtggtccag aagatgaaaa aataattgaa caaatagagg atatggtgac tacagcttct    180
acgtacctgt ttgaagccac agaaaaaaga ttttttttca aaaatgtatc tatattaatt    240
cctgagaatt ggaaggaaaa tcctcagtag aaaaggccaa aacatgaaaa ccataaacat    300
gctgatgtta tagttgcacc acctacactc ccaggtagag atgaaccata caccaagcag    360
ttcacagaat gtggagagaa aggcgaatac attcacttca cccctgacct tctacttgga    420
aaaaaataaaa atgaatatgg accaccaggc aaactgtttg tccatgagtg ggctcacctc    480
cgggtggggag tgtttgatga gtacaatgaa gatcagcctt tctaccgtgc taagtcaaaa    540
aaaatcgaag caacaagggt ttccgcaggt atctctggta gaaatagagt ttataagtg    600
caaggaggca gctgtcttag tagagcatgc agaattgatt ctacaacaaa actgtatgga    660
aaagattgtc aattctttcc tgataaagta caaacagaaa aagcatccat aatgtttatg    720
caaagtattg attctgttgt tgaattttgt aacgaaaaaa cccataatca agaagctcca    780
agcctacaaa acataaagtg caattttaga agtacatggg aggtgattag caattctgag    840
gatttttaaaa acaccatacc catggtgaca ccacctctc cacctgtctt ctcatgtctg    900
aagatccgtc aaagaattgt gtgcttagtt cttgataagt ctggaagcat ggggggtaag    960
gaccgcctaa atcgaatgaa tcaagcagca aaacatttcc tgctgcagac tgttgaaaat   1020
ggatcctggg tggggatggg tcactttgat agtactgcca ctattgtaaa taagctaata   1080
caaataaaaa gcagtgatga aagaaacaca ctcatggcag gattacctac atatcctctg   1140
ggaggaactt ccatctgctc tggaattaaa tatgcatttc aggtgattgg agagctacat   1200

```

tcccaactcg	atggatccga	agtactgctg	ctgactgatg	gggaggataa	cactgcaagt	1260
tcttgtattg	atgaagtga	acaaagtggg	gccattgttc	attttattgc	tttggaaga	1320
gctgctgatg	aagcagtaat	agagatgagc	aagataacag	gaggaagtca	tttttatgtt	1380
tcagatgaag	ctcagaacaa	tggcctcatt	gatgcttttg	gggctcttac	atcaggaaat	1440
actgatctct	cccagaagtc	ccttcagctc	gaaagtaagg	gattaacact	gaatagtaat	1500
gcctggatga	acgacactgt	cataattgat	agtacagtgg	gaaaggacac	gttctttctc	1560
atcacatgga	acagctcgcc	tcccagtatt	tctctctggg	atcccagtgg	aacaataatg	1620
gaaaattttca	cagtggatgc	aacttccaaa	atggcctatc	tcagtattcc	aggaactgca	1680
aagggtgggca	cttgggcata	caatcttcaa	gccaaagcga	accagaaac	attaactatt	1740
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aataaggacg	taaacagttt	ccccagccca	atgattgttt	acgcagaaat	tctacaagga	1860
tatgtacctg	ttcttggagc	caatgtgact	gctttcattg	aatcacagaa	tggacataca	1920
gaagtttttg	aacttttgga	taatggtgca	ggcgctgatt	ctttcaagaa	tgatggagtc	1980
tactccaggt	attttacagc	atatacagaa	aatggcagat	atagcttaaa	agttcgggct	2040
catggaggag	caaacactgc	caggctaaaa	ttacggcctc	cactgaatag	agccgcgtac	2100
ataccaggct	gggtagtgaa	cggggaaatt	gaagcaaacc	cgccaagacc	tgaaattgat	2160
gaggatactc	agaccacctt	ggaggatttc	agccgaacag	catccggagg	tgcatattgtg	2220
gtatcacaag	tcccaagcct	tcccttgcc	gaccaatacc	caccaagtca	aatcacagac	2280
cttgatgcca	cagttcatga	ggataagatt	attcttacat	ggacagcacc	aggagataat	2340
tttgatgttg	gaaaagttca	acgttatatc	ataagaataa	gtgcaagtat	tcttgatcta	2400
agagacagtt	ttgatgatgc	tcttcaagta	aatactactg	atctgtcacc	aaaggaggcc	2460
aactccaagg	aaagctttgc	atttaaacca	gaaaatatct	cagaagaaaa	tgcaaccac	2520
atattttattg	ccattaaaag	tatagataaa	agcaatttga	catcaaaagt	atccaacatt	2580
gcacaagtaa	ctttgtttat	ccctcaagca	aatcctgatg	acattgatcc	tacacctact	2640
cctactccta	ctcctactcc	tgataaaaagt	cataattctg	gagttaatat	ttctacgctg	2700
gtattgtctg	tgattgggtc	tggtgtaatt	gttaacttta	ttttaagtac	caccatttga	2760
accttaacga	agaaaaaaat	cttcaagtag	acctagaaga	gagttttaaa	aaacaaaaca	2820
atgtaagtaa	aggatatttc	tgaatcttaa	aattcatccc	atgtgtgatc	ataaactcat	2880
aaaaataatt	ttaagatgtc	ggaaaaggat	actttgatta	aataaaaaaca	ctcatggata	2940
tgtaaaaact	gtcaagatta	aaatttaata	gtttcattta	tttgttattt	tatttgtaag	3000
aaaatagtga	tgaacaaaga	tcctttttca	tactgatacc	tggttgata	ttatttgatg	3060
caacagtttt	ctgaaatgat	atttcaaatt	gcatacaaga	attaaaatca	tctatctgag	3120
tagtcaaaat	acaagtaaag	gagagcaaat	aaacaacatt	tgg		3163

<210> 5556

<211> 6772

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (188)...(4880)

<223> similar to gi3043584 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5556

cagctgccag	gtcgagggat	gtactcgaac	ctataattct	tcacagagta	ttgggaacaa	60
catgaagaca	gcacaccctg	accaatatgc	tgcatttaaa	atgcagcgca	aaagtaaaaa	120
aggtcagaaa	gctaacaact	taaatacacc	aaataatgga	aagtttgttt	attttttgcc	180
atcaccggtg	aacagctcaa	atccattttt	tacatcacag	accaaagcca	atgggaatcc	240

tgtttgttcg	gcccagttgc	agcatgtctc	gccacccatt	tttccagctc	atntagcaag	300
tgtgtcaact	ccattgttgt	cctcaatgga	aagtgtcata	aatccaaata	taactttctca	360
ggataaaaaat	gaacaagggtg	gtatgttatg	ttcccaaata	gaaaatttac	ctagtactgc	420
cttgccagca	caaataaggag	atctaacca	aacagttctg	cctttgaata	ttgacagagg	480
ctcagatcct	ttcctttctt	tacctgcaga	aagtagttca	atagatctct	tcccttcacc	540
agcagatagt	gggactaatt	ctgttttttc	ccaactggaa	aataatacaa	atcattattc	600
ctcacagatt	gaaggaaaca	ctaattcctc	ctttctaaag	gggggtaatg	gtgaaaaatgc	660
agtttttctt	tcacaagtga	atgttgcaaa	taacttcagt	agcaccaatg	cccaacagtc	720
tgcacctgaa	aaagttaaaa	aagaccgtgg	gcgggggccaa	actgggaagg	aaagaaaacc	780
taagcacaac	aaaagggtcta	aatggcctgc	aattatcaga	gatgggaaat	ttatctgtag	840
cagggtgttac	agggctttta	ctaattccag	atcactgggt	gggcacttat	ccaagcgatc	900
ttactgtaaa	ccactggatg	gagccgaaat	tgtctcaaga	cttctacaga	gtaatggaca	960
gcctttctct	cttgccagca	tgattctctc	cacaaatgca	gtaaatttgc	agcagccaca	1020
acaatctacc	ttcaatccag	aagcatgttt	taaagatcca	tcattttctac	agcttcttgc	1080
tgaaaatcgc	tcgccagcat	ttttaccaa	tacatttctc	cgatctgggtg	tgactaactt	1140
taataccagt	gtcagtcagg	aaggtagtga	aattattata	caggctttgg	aaactgctgg	1200
cattcccagt	acatttgagg	gtgccgaaat	gctttctcat	gtttcaacag	gttgtgtctc	1260
tgatgcatca	caagtaaatg	caacgggtgat	gccaaatcca	actgtaccac	ccctgttgca	1320
cactgtatgc	catccaaaca	ccttgctgac	caaccagaat	aggacgtcaa	actccaaaac	1380
ttcctccatt	gaggaatgta	gcagcttgcc	tgtttttcca	acgaatgact	tactactgaa	1440
gactgttgaa	aatggtttgt	gctctagttc	atttctaat	tctgggtgggc	catcacaaaa	1500
ttttaccagt	aacagttctc	gtgtttctgt	tataagtgg	cctcagaaca	caagatccag	1560
tcattttaat	aaaaagggaa	acagtgtctc	taagagaaga	aagaaagttg	ctcctccact	1620
aattgcacct	aacgcttccc	aaaacttggt	aacaagtgc	ttaacaaca	tgggactcat	1680
agcaaagagt	gttgaaatcc	caactactaa	ccttcattca	aatgtaattc	caacttgtga	1740
acctcagagt	ttggtggaaa	atctaacaca	gaaattaaat	aatgttaaca	atcagttatt	1800
tatgactgat	gtaaaagaga	atttcaaac	cagctttgag	tcccatagag	tgtagcccc	1860
tttaacatta	aaaactgaaa	atggtgattc	ccaaatgatg	gctttgaatt	catgcacaac	1920
ttcagtaaat	tctgatttgc	agattttctga	agacaatggt	atacaaaaact	ttgaaaagac	1980
tcttgaaatt	attaaaactg	ctatgaattc	tcaaatactt	gaggtaaaaa	gtggatctca	2040
gggtgctggt	gaaacttcac	aaaatgctca	aataaattat	aacattcagc	ttccttcagt	2100
aaacactgtg	caaaataaca	aattaccoga	ttcttctccg	cttttctctc	tttataagtg	2160
tcatgccaac	agagagtaac	attcctcagt	ctgaagggtat	cacataagga	ggatcagata	2220
caggagattt	tagaaggctt	acagaaatta	aaattagaaa	atgacctatc	cactccagca	2280
tcccaatgtg	tactgataaa	tacatcagtg	acactgactc	ccacgcctgt	taaatcaact	2340
gcagatatca	cagttattca	gccagtttct	gaaatgataa	acattcaatt	taatgacaaa	2400
gttaataaac	cctttgtgtg	tcaaaacca	ggctgtaact	acagtgtctat	gacaaaggat	2460
gcactattta	agcactatgg	taaaattcat	caatacactc	cagaaatgat	tcttgaaatt	2520
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caagtgatta	cagttacttc	agaacaatgt	aatacaaatg	cactcacaaa	cacacaaacc	2940
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cctgtgcaac	atcagatttg	caggaaaaat	gaagcactta	ctgaaatcgc	tggtactctg	6540
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gtttaagact	tactaccaat	aagcataaaa	cctgacacgt	taaaatccct	gccctttggt	6720
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<210> 5557  
 <211> 2112  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (610)...(1245)  
 <223> similar to gil80189 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5557

tgaagatcca	catcttccgg	ataaaatcca	ggtcttttct	ccaatatatg	tcttcttgaa	60
gatccacgtc	ggccagaaaa	tccatgtctt	ccagaaaatc	catgtcttcc	agtaacctcc	120
cagtcttcca	gaaaatccac	gtcttcccaa	caatccaagt	cttccggata	atttgggtct	180
tcctgaaaat	ctacgtcttc	caaaaaagcc	atgtcttcca	gaaaatccac	atcttccaat	240
ggcctccagg	tcttccagac	tatccatgtc	ttccagaaaa	tccttggctt	cccttaaate	300
tatagcttcc	aaaaaatccg	ggtcttccag	gaaatccgtg	tcttccagca	agttccacgtc	360
ttccaacaaa	gccatgtctt	ccagactatc	catgtcttcc	agaaaatcct	tgtcttccct	420
caaattccatg	tcttccagaa	aatccacgtc	ttccagaaaa	tatatgtctt	ccaactaagc	480
tacgtcttcc	aacaaatcca	tgtcttccca	tatctccagg	tcttccagca	tctccagggc	540
ttccagcctc	tgtcgtctt	ccaacatctc	caagtcttcc	agcatctctg	tgtcttccag	600
catcttcatg	tcttccaaca	actaccagct	cttccatcaa	ctgggtcaat	atccatgtct	660
tccaacgtct	ccagtgtgct	gatcttctga	cattcaggtc	ttccagtgtc	tgcaatatcc	720
agggtttccg	atggcacctg	tgtcaagggtc	ttccaacaac	tccgggtctt	ccagcgactt	780
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caccaaatec	aagtcttcca	gtaaatctag	ttcttccaga	aaaatctaga	tcttccagtc	1140
aatcagtgct	ttccagaaag	aaatccagggt	cttccagtc	atcagtgctt	tccagaaaga	1200
aatccagggtc	ttccagtcag	tcagtgctct	ccagaaaaat	ctacgtcttc	caccaaatec	1260
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tcttcttgaa	gatccacgtc	ttccagaaaa	tccatgtctt	ccagaaaatc	catgtcttcc	1380
agtaacctcc	cagtcttcca	gaaaatccac	gtcttcccaa	caatccaagt	cttccggata	1440
atttgggtct	tcctgaaaat	ctacgtcttc	caaaaaagcc	atgtcttcca	gaaaatccac	1500
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atgtcttcca	acaactaccc	agtcttccat	caactgggtc	aatatccatg	tcttccaacg	1980
tctccagtg	gctgatcttc	tgacattcag	gccttccagt	gtctgcaata	tccaagggtt	2040
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tccaataatc	tc					2112

<210> 5558

<211> 1810  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1774)...(114)  
 <223> similar to gil006659 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5558

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tcaggccccc	agcgcaggcc	cagggcctgg	agcttctgcc	tcaggtagct	cttgagctgg	180
ggcaggcctc	tctgggactc	cagttcctcg	aagggtagcg	gcaggagctg	gtagcccatc	240
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aggtagttca	gtcgcccaaa	gggcaggacc	aacttctgta	ccaccttgct	gctgagttgc	960
gtttcctgaa	ccaccaggaa	gtgggcaatg	gcttcagaa	gctggggctc	ccgcaaccgg	1020
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gcctctgcc	ggctgctgat	cagatgctgc	cgtggatacc	gcagaaaacg	ggggcagctt	1140
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cagtttcgga	tgatgagctg	actcaagtcc	tgcatgtgta	cctgctccac	aggagggggc	1380
cgtggccgag	accccaagag	ctggcccaga	cgacgaagcg	ccaccgagta	gtggtgggcg	1440
cgcaccttgc	tggggttctg	gccagccag	cgcagcagct	ccccagggct	cttcgcctgt	1500
tccagaagcc	gctgcagtcc	ttgcacagga	cctgcaactg	ggcctcctcc	aacaggcccg	1560
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cacgcgtccg						1810

<210> 5559  
 <211> 1193  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (751)...(1100)

<223> similar to gi1619936 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5559

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tatttgactt	tctgtttgtg	agttaatttg	ttctgggacc	aaactgaggt	tcgggctgct	120
atttctcacg	gcccataaac	gagatgcaga	tgaactgggg	aggaagagag	ttattttctgt	180
aactggttac	agggagaagg	tctgaacatc	atcaccagac	caactccaaa	ttacaaagtt	240
ttccagagct	tatatacctt	ctaagctata	tgtctacctg	taagtgtgca	ttcacctaaa	300
gacataagtt	actaacttct	tttaattctat	aactaagggtc	tgagtcctga	agaccttcct	360
ttggagcctc	agtaaattta	cttaattctaa	atgggtccag	gtgctggagt	gattaccctt	420
atcttgtctt	ctgctaaatc	actgaagttt	gaggagtcc	tttagacctt	caataaactt	480
gtttgtagag	gcctggagag	tttcttcaca	acccacagta	aaacttgttt	aatcctgaat	540
gggtcctggt	aagaattcct	tcattattct	gtcatgcttt	aaggcccagg	gaaagcctag	600
gcaaaactct	tgataggctt	ttgttacatt	ccagcctttg	tgaaagggca	ctggcttttt	660
tagcttttaa	tatttaactt	aaccactcag	tcagtactga	aacagtcggt	atggaggcct	720
gcattagtga	gacctggcct	gccacaatcc	tgtgttcatt	tattgaaaga	ctgtattatt	780
aagatggcag	tactacccaa	agcagtctac	agattcactg	agagccctat	caaaattcca	840
acagcctttt	tgaaaaatgg	aaaagcttac	catcaaactc	atatggaatt	gtaaacgccg	900
tgaatagcca	aaacaatgcg	gaaaaggcca	aagttggagg	actgacactt	cccaatttca	960
aaacttacta	taaaactaca	gtggtctaaa	cagtgggctg	ttggcacaag	tacagatgat	1020
actaacatac	agatcaatag	aatagaattg	aggcttcaga	aataaaccca	tacatctatg	1080
gccaactgac	tttcaacaaa	tgatgctgca	ataactgaat	gtacacatgc	aaaaaaaaag	1140
ttgaacctct	atgtgatatt	gcgatagaaa	aaaacatat	ttttgggctt	tgg	1193

<210> 5560

<211> 1260

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1254)...(1082)

<223> similar to gi299471 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5560

tccttctctg	gccttgccct	tgccctgttc	cctttctggt	cctgccatgt	ttctggccct	60
gccctgtcca	tgtcctggac	ctgactctgg	ccctggacct	ccctgtccct	gccctgccat	120
accttgcccc	gttctctgct	ctacactgac	cctgccctgc	cttgccccctg	tgctacccta	180
gccctgccct	ggccttctgc	tgacctgat	cctgccatgg	ccctggccct	gccatgtccc	240
tgccctggcc	ctggttctgc	cctgcttctg	gccctggcct	tggtcctctc	atgtccctgg	300
ctgtgacctt	gccctgggtt	tttctctggc	catgacctg	ccccggttct	gtcctatccc	360
tgccctgtgc	tcagttctgt	cctagccctg	gcctttcaca	gtactttatg	cttagtaagg	420
gtcccatggg	gtctgtgagt	tgaatgttgt	attcatagta	tctgccaaaa	cagaaagaaa	480
aaaaacaaaa	tattttgata	agaagttaaa	gctttgtata	taatatgcct	tgaattgtaa	540



gtgcctgtta	ttagttgtat	tacatatagg	tcatggtttt	gtacacataa	ctccaaacca	600
ttgatactgt	taaaagaata	tatgaatata	tgaaagaatg	tataaacgta	agaatgtatc	660
agtatcta	gacctttcca	aattaatttt	tatttttagc	tctgttagat	ttttctcagt	720
gtaacaaatg	tttattccta	tgtaattaag	ggcgtatttc	ctgtacagaa	tattcatatt	780
acctaattga	aaattatatg	atacaaaaat	ataatactat	ttttagccag	gcatgggtggc	840
tcatacctgt	aatcccaaca	ttttgagagg	ccacgttttg	agaatcattt	gagtcaggga	900
gttgaccagc	ctgggcaaca	tagtgagacc	ttgtccttat	taaataaata	aataaataaa	960
taggttgggc	actgtggctc	atatctgtca	tcccagcatt	ttgggttgcc	caatgcagga	1020
ggattgcttg	agccccagga	gtttgagacc	agcctgggca	gaatagcaag	actccatctc	1080
tacaaataat	aaaatattaa	ccagggtgtg	tggtgtgcac	ctgggggtacc	agccacctgg	1140
gaggctaagg	tgggaggttt	gctcgaggct	gcagtgaact	gtgaatgcac	cactgcattc	1200
cagcctaggc	catagaacag	gatcttgtct	ataaataaag	aaataagtaa	aaatataaat	1260

<210> 5561

<211> 8514

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (453)...(6673)

<223> similar to gi6002696 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5561

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gcagcgggga	gacccaggct	gcagcaaca	agggcagcga	gcgattggcc	gggctgcagg	120
cgagatttgc	ctgaagacct	ggataatctc	catttttgtc	atggactgtt	aaaacgtttg	180
aagttccaat	tctggctctg	atttcccagt	taaagatgtt	cttcacccga	atgcagtctt	240
tcctgttggt	aaaataagac	aaccatcaac	attgcctgtt	tgtctgcttt	tgaatctctt	300
aaggatggat	gtttgttaaga	tgttgcttaa	tacagtctgg	aatactctgt	ccatttgttg	360
aattgtaaat	gactttcaaa	tgtgcaagtt	ctgttaaata	caaagagAAC	ctctatgggt	420
aacttttgtg	ttgaagaagt	catttgtcaa	ccatggtaaa	acttgcaaac	ccactttata	480
cagagtggat	tcttgaagct	atacagaaaa	taaaaaagca	aaagcaaagg	ccctctgaag	540
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<212> DNA

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<223> similar to gi31397 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 5563  
 <211> 4827  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (496)...(3592)

<223> similar to gi4582149 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5563

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<210> 5564

<211> 2338

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (2339)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (627) ... (2012)

<223> similar to gi4151084 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5564

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<210> 5565

<211> 8734

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (91)...(6623)

<223> similar to gi4530437 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5565

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<211> 4871

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (151)... (3045)

<223> similar to gi897827 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5566

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<210> 5567

<211> 2950

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2951)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (17)...(2780)

<223> similar to gi33989 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5567

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aaaaaaaaaa						2950

<210> 5568

<211> 1673

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1582)...(144)

<223> similar to gi5777952 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5568

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cttcaaccaa	cttgaatgtc	caaggctgtg	tgtgccacgc	tccctggctc	tggtacgtgg	180
tatgaagca	ctctcgggc	cttgggggag	tttgatcccc	tccagccact	cctgggtaca	240
gcctcctgca	cgtgtgcacc	tggactccgg	acgccgcaca	gggatgtcta	agtgtaaatg	300
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gctccatcat	ga'gcgctcac	tttgctctcc	ttcaagtctc	caaacagagt	gtcgacggca	720
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tggcatcagc	caacttggtg	aattctccct	tctctccatt	ttcctgggct	ggactcgggtg	1500
catcggtga	cacattctct	tggatcatcg	tttttgtttt	cttactacat	tccttgcgcg	1560
tgcagtgtct	acacttcctc	tggagcgcg	cgggcgggag	gccgggcgcc	tcagactcag	1620
ggaagcaccg	ggagactggg	acaccactgc	cgcgcgcccg	cggccctttg	ttg	1673

<210> 5569

<211> 2934

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2850)...(699)

<223> similar to gil665773 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5569

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caactgagca	ctgtgggctg	gaggtgggat	accacccgc	agcacgcca	ccctaattgtg	180
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cccctgtcct	caggggctca	atgtagtttg	accctgacat	taaacccttt	atgtccttcc	300
cagtcaggaa	ggtggctggg	tacaggggtg	ggggtgagga	gcagagagag	gtacagggca	360
ggaaggaaaa	agtagaaggg	tcctgaaggg	caaattaggg	tgggtaacta	gggagttaaa	420



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<210> 5570

<211> 3786

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (385)...(3787)

<223> similar to gi4324434 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5570

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<210> 5571

<211> 6143

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5492)...(2924)

<223> similar to gil944416 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5571

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<210> 5572

<211> 1098

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (402)...(848)

<223> similar to gil335008 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5572

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<210> 5573  
 <211> 8527  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(8528)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (8438)...(432)  
 <223> similar to gi29865 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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aaattta						8527



<210> 5574  
 <211> 940  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (34)...(365)  
 <223> similar to gi4680709 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5574

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ttaaaacctt	aaaagaaa	aaagaaggat	cccagcgc	taaaggaaag	agaagttccc	180
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aaattgttag	agtaagatta	ctggaagaaa	tagacgtatt	gttttaata	aaagcagtaa	840
tttaaataca	gctaattctt	ttggccagaa	atacctgtt	tgaaagattt	ttttttatta	900
acacttcac	tgagaaatgg	aaagcttatt	taaaaaaaaa			940

<210> 5575  
 <211> 1595  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature.  
 <222> (407)...(687)  
 <223> similar to gil710216 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5575

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gagaattatt	gtgcttcttt	ggagatgtta	tgtttccttt	ttcatatttc	ttgcatecctt	180
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tatatgggaa	agaccttttc	ttatagctct	atctacagtg	ttcattggat	atcacacttt	300
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tatgtagaca	atggataaat	caatggactt	ggtttttattc	cagtaaaact	taattttatac	1500
agtcagaggg	ccagatttgg	cccttgggtc	atagttggcc	aacctgttt	agagcagtca	1560
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<210> 5576

<211> 2435

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1450)...(683)

<223> similar to gi5420389 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5576

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<210> 5577

<211> 1640

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (35)...(1461)

<223> similar to gi182923 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5577

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tgaaccacgc	aacatgtcat	acgtgaaaga	gacagtggac	agattgctca	aaggatatga	180
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cgccagcata	gacatgggtc	ccgaagtga	tatggattat	acactcacca	tgtatttcca	300
gcagtcttgg	aaagacaaaa	ggctttctta	ttctggaatc	ccactgaacc	tcacctaga	360
caatagggta	gctgaccaac	tctgggtacc	agacacctac	tttctgaatg	acaagaaatc	420

atttgtgcat	ggggtcacag	tgaaaaatcg	aatgattcga	ctgcatcctg	atggaacagt	480
tctctatgga	ctccgaatca	caaccacagc	tgcattgtatg	atggatcttc	gaagatatcc	540
actggatgag	cagaactgca	ccctggagat	cgaagttat	ggctatacca	ctgatgacat	600
tgaattttac	tggaaatggag	gagaaggggc	agtcactggg	gttaataaaa	tcgaacttcc	660
tcaattttca	attgttgact	acaagatggt	gtctaagaag	gtggagttca	caacaggagc	720
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tgagaagaat	aaactggaga	tgaataaagt	ccaggtcgac	gcccacggta	acattctcct	1140
cagcaccctg	gaaatccgga	atgagacgag	tggctcgga	gtgctcacga	gcgtgagcga	1200
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ctattgtttt	ttaaccttac	aggtcccaa	cagcgatact	gctgtttctc	gaggtaagag	1560
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cttcaaaaag	acaaaaaaa					1640

<210> 5578

<211> 2020

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (268)...(1419)

<223> similar to gi4220483 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5578

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ccgactgggc	cccgtgcctc	cccgcceccg	cgtccccccg	ccgcaagacc	gagccgccac	180
catgaagaaa	ttctttcagg	agttcaaggc	cgacatcaag	ttcaagagcg	cgggaccgcg	240
tcagaagctc	aaagagtccg	tgggggaaaa	gaccacaaa	gagaagccca	accagccagc	300
ccccaggccg	cccgcgccag	gaccaccaa	tgaggcacag	atggcagccg	ctgctgcctt	360
agcccggtcg	gagcagaagc	agtccegggc	ctggggcccc	acatcgcagg	acaccatccg	420
aaaccagggc	tgctttccag	tgagaaagga	acttcaagcc	gaagccaccg	tcagcgggag	480
ccccgaggcc	ccagggacca	acgtgggtatc	tgagcccaga	gaggaaggct	ctgccacctt	540
ggctgtgcct	ggcgtgtact	tcacctgtcc	gctcactggg	gccaccctga	ggaaggacca	600
gcgggacgcc	tgcattcaag	aggccattct	cttgcacttc	tccaccgacc	cagtggccgc	660
ctccatcatg	aagatctaca	cgttcaacaa	agaccaggac	cgggtgaagc	tgggtgtgga	720
caccattgcc	aagtacctgg	acaacatcca	cctgcacccc	gaggaggaga	agtaccggaa	780
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cgaggagttc	tacgtgctga	gcgagaccac	cttggccccag	ccccagagcc	tggagaggca	960

caaggaacag	ctgctggctg	cggagccccg	gcgcgccaag	ctggacaggc	agcgccgcgt	1020
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cggacagaca	cacgtggcat	ctccctgggc	aggagagcag	gcctgcagca	tgggtcccgt	1860
tcccggtg	cgtgggtggc	agtggctgca	cctggcacta	gggctgctct	gtggatgtgg	1920
gtgacaacgg	caggagggga	cgctggcctt	cctgcacata	gacctgcagt	tagtaaatca	1980
taagcccaaa	taaacagggt	gtttgaatat	aaaaaaaaaa			2020

<210> 5579

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (745)...(191)

<223> similar to gi505096 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5579

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gcgtgtgcgg	aggggggtggg	gcctccccag	ggtccatgaa	gtgctcggcc	cttcccaggc	120
atgcagtcc	gcgcagccgg	aggggggatgc	gcagggactg	cgctgtgggc	gccgatggtc	180
agccatggtc	agtctgtccg	cagccagctg	cccttctcct	ccacctcctt	ggtcactacc	240
agcagcacct	cgcacaggcc	ctgggcccagc	gcagccgcca	ggaaaggccc	ctgactccgt	300
cctcaatccc	ccagggcctt	cgggcgcccg	cagctttgga	gtccaggttg	tagtaagaca	360
ccgttccaac	ctggcgcagg	gccacctaa	atgccgcggg	cgcagcgcca	gtgacagcag	420
ccccagcgac	acgggcgagg	gcaggttcag	gatcagcccc	agtacctggg	gcagggccag	480
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ccgggagct	ggggccaacc	tcttgcatat	ctcatcgcca	gcctcctggc	ttaaagagctg	660
ctgctgcaga	acgttggtga	gggcgtggac	agcacacagc	tccaggcgct	gccgttcgtg	720
gtacacgggtg	ggtgggctcg	gctgtgctcc	cggggcctgg	gacatgccgt	cctcggtccc	780
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<210> 5580  
 <211> 6204  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (6085)...(2968)  
 <223> similar to gi3800881 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5580

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gtaatccatt	ttttaacttt	ccatatta	ttatatttta	attcattttt	ctttatgctt	180
gcttcagggg	ctacatctgg	gactgaatag	cagcatatgg	cccaagggct	gggtgggtttt	240
gccactcatg	ctctatactt	ttagtctttt	ccagagttga	gtatagcagt	cacgtatcgt	300
taatacaggg	tgtcactatt	ttattacctg	gcagagaaac	aggattaact	tcctttat	360
aatactgata	aatagaaagg	ctttttcaag	aaaaaaaaag	aaagcttaca	tttacaaaag	420
tgatttatgg	taatatgtgc	cattaacaaa	gacaaatact	gaaatccaca	caaaatcaga	480
attaaattct	acaactaaaa	aaaaattaca	gggtaataaa	actgtaggaa	aagctgtatg	540
taaaaagaaa	aaaagacaag	tccttatgta	gctaattaca	agagaatatt	gtaaatacat	600
tcaaaaaagt	tttccaaaaa	tcctgcagcc	tcacttagaa	actgatacat	gttaagattc	660
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cccctctgta	cacaatgttg	catatataca	actacttcat	ttttattgac	tttatataat	1140
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gaaaaacaca	acaacaatgg	gttttcttaa	ttacgcattt	taaatatcaa	tatgtgcatt	1440
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gaatccatta	agatgttgct	ttcaatttga	aatattttgt	gtatacatgt	atataaaaaa	1560
taacccaatg	tatgactcat	ctgaccgatg	tttaagatca	ataacggctt	atttttcaac	1620
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agaacttgge	acaactggga	gcaactgaatt	tgtatcctcc	atgctttctca	atcatttttg	3060
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caaccggcgc	gaaaggaaag	agcg				6204

<210> 5581  
 <211> 5235  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (290)...(2497)  
 <223> similar to gi5163089 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5581	
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ggcgggtggcg	gtaggtgggt
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tttagaacta	gctttggatc
taaaaggaaa	tacctatcaa
tattgaagaa	tgtgaaaaag
tgtagagaa	gcttggtatg
ccaggaaatg	agggatattc
attcgactgc	cctatgaaga
cctatttttg	ttgatctcct
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cggcacattc	tcttacgtcc
agtataacc	acaaatggac
gctacagctg	aaccactctg
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gctgagaggg	tagtcaatca
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taagaagaa	atgtgaactt
ttagtgggtc	aatctatacc
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ctcctccttc	ttctaagcca
ttctccagct	



gccttatcac	ctgccagctc	atcacaaaga	accacggcca	cccaggtcat	ggcaaaactct	1920
gctggactta	acttcatcaa	tgtagtgggc	tctgtttgtg	gggccaggc	tttgatgagt	1980
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<210> 5582  
 <211> 945  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (828)...(340)  
 <223> similar to gi6007807 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5582
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aaagcaaagg tgtctaccag cgcgcgccat cccagaagga aagcctcttc ccatgagtgc      180
ctgtgggtgg gcggtgagct caacaccac aaagggcaga aggcctgggg gcagtgaggt      240
gatggtgagg gcatgggaag cagatgctgc tgaggggtggg tggagggaga aatggagacc      300
cagcacccag caggggggagc caggtgacag caggggaagc agatggcagg gccccaggca      360
gtccaggacc ccaggctctg aagggtgggg caaggggggtc aggtcacgtc ttgacatcca      420
gcagtggcat ccgcttgtgc tggtagccac tctgccagcc atgtaccacc ttgggggtctc      480
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acatggggag caggtgatgg cgcagccggt ccaccgcgtt tttcttctgt acatacatta      600
ccacagccac caccaccccg accaggtgta tgaggaagaa gggccccaac acatagccca      660
ccatggagtc gctgttgccc tggggggcat tgggcacagt ggtgttactc atgacatcag      720
cagccggagg gctgggtggt cagcatgggc agtggcgctt cgggagggcg cctccactgg      780
gctccctccc gccgctgcag ccccgacagg aacgcctctg gttggctccc gggccccgga      840
aaagccgtca ggcgctgat caaaggacc ggggaatatg gccgggcctc agcacccgga      900
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```

<210> 5583  
 <211> 4326  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (84)...(3919)  
 <223> similar to gi5689551 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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ggaaacaagt	ttctgactct	ggtgatataa	aaatcaaatac	ttggagggga	aataacaaga	240
aagagtgttg	gagttatctc	tctactaata	aaaagatgaa	atctgatgga	ttaggagcat	300
ctggacattc	gtcaagttacc	aatagaaata	gtataaataa	aactctgaag	caagatgatg	360
taaaggaaaa	agatgggtaca	aaaatagcat	ctaagattac	aaaagaacta	aaaactgggg	420
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<210> 5584

<211> 6329

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(6330)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (124)...(5558)

<223> similar to gil665781 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5584

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gaataaacga	ttacttttagt	atcaatat	gctacaacat	cacattttca	tgcacattt	360
tttcaaaata	ggaaaattct	tccaggagga	aatacatcat	ttgatgtaag	tttttccttg	420
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caagtggatc	caaatcacga	aatgcccaga	aaacaaaagg	tacaagtaag	ttagtggata	4500
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aaggctgtct	tggtttaaaa	gcagattaca	gaaatgtaag	tcaacttaag	aacagtgaat	6120
gaatgtaaaa	acattcagtt	gagaccatat	gcattttctg	tgctgtttgt	acttgaggta	6180
tgtaacattt	gtatacctga	acttatttta	aagatgaact	gaaatgcaca	tagccaagtc	6240
ttgagataca	agattgaatg	tgtatttctt	aaaaatacaa	ctttgtgttg	tactttgaaa	6300
taaatgatgc	ttttttcana	aaaaaaaaa				6329

<210> 5585

<211> 1991

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (358)...(1133)

<223> similar to gi2911882 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5585

tccgggtttc	tcatattggt	caggctgggtc	ttgaactcct	gacctcaggt	gatctgcccc	60
cctcggcctc	ccaaagtgtt	gggattacag	gcgtgagcta	ccgcgccccg	caggggttgtt	120
tcttaaagggt	aaataagctc	cctaaatttg	tctgtaaatt	ggaagtaact	ccagtgaaaa	180
tgccaacagg	aattttttt	tggcttgaca	aactaaggct	aaaattaata	tagaaatgag	240
catacaataa	taggaacact	atgaaaaaga	agagtaatga	gagggtgggac	caagtctata	300

agatattaaa	gggtaagtct	ctccggcccc	gtttccctcg	gtgtgtact	gtgcgcgcga	360
tccagcacca	tggggaagcg	ggacaatcgg	gtggcctata	tgaacccaat	agcaatggcg	420
agatcaaggg	gtccaatcca	gtcttcaggg	ccaacaatac	aggattatct	gaatcgacca	480
aggcctacct	gggaagaagt	aaaagagcaa	ctagaaaagg	aaaagaaagg	ctccaaggct	540
ttggctgaat	ttgaagaaaa	aatgaatgag	aactggaaga	agaactgga	aaaacacaga	600
gagaaattgt	taagtggaag	tgagagctca	tccaaaaaaa	gacagagaaa	gaaaaaagaa	660
aagaagaaat	cttggtaggt	attcatcttc	ttctttcatc	aagctctgat	tcttccagca	720
gttcttctga	ttctgaagat	gaggataaga	aacaaggaaa	acggagaaaag	aaaaagaaga	780
accgttcaca	taaatcttct	gaaagctcca	tgtcagaaac	tgaatcagac	agtaaggata	840
gtttaaaaaa	gaaaaagaag	tcaaaagatg	gaactgagaa	agaaaaggat	attaaaggac	900
tcagcaaaaa	gagaaagatg	tattctgaag	ataaaccttt	atcatctgag	tccttgtcag	960
aatcagagta	tattgaggag	gtgcgagcaa	aaaagaagaa	aagcagtga	gaacgagaaa	1020
aagcaacaga	aaaaacaaaa	aagaaaaaga	agcataagaa	acacagtaag	aagaagaaaa	1080
agaaggctgc	tagttcaagt	cctgactcac	cataacatta	agaaaaatca	ggattccctt	1140
ataaagaaag	tgcaatgtct	gaggaaattt	caactgtgaa	aactacaaca	tatttactaa	1200
aatgcatgaa	ttttcttggt	tttggaaatta	ttcttggaat	attcagtagc	cactcagatg	1260
ccactgtgtg	aaagggccat	aaatgttgcc	tgtgtgttga	acatctatct	ttttctcttc	1320
cagtgtctga	taactctggg	agataataca	ctgcagtcgt	actagtgggt	aagatatattg	1380
ggaataaaat	taatactttt	gactagaagc	gtctaaggat	aaaccaacag	aaattgaatc	1440
tggatacatc	tttaagatgt	aatcagaaat	gaccagatga	ctctagttag	aatttttgaa	1500
ggagggatta	cattaatatt	tcaaaacctt	tactctgtag	ataagtgtat	tttaattttt	1560
tcccctcgta	tacttttatt	tacctgggga	aggagctttt	agggttgggg	ggtggtttgc	1620
tatctcttta	gctagcagaa	tagtgtgcct	ttgatcctca	cacatcctgt	attatggaca	1680
cagtagccat	gcttcacggg	gaggtcagag	ctggctacca	gcagtcttgc	cctttactga	1740
gcttagtgtc	atctttggat	gctgtcatat	gctgctttga	gtgaaccaga	gaaacagcca	1800
tttgagcagt	gagaaagccc	caaaagctct	gggatttacc	tccactttag	taataatgaa	1860
tattttttag	cattagaatg	tgttatgtca	tttgaattaa	ttttgactac	actttggcct	1920
gggagaggaa	ttattttaaa	tagacattgg	tactttttga	acttgatagc	taaagattct	1980
aaaatgcatg	t					1991

<210> 5586

<211> 1029

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (154)...(967)

<223> similar to gi34203 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5586

ggaattcgtg	ctgggggggt	gcagaaagct	gctcgccagc	ttagttcagg	caggtgctgt	60
cagcgteccct	tgttttggag	gagccagcct	gagccctacc	cccagcgaag	cgagtggagg	120
cggcggttta	actgacgttt	tctttctgcc	cagccgaaag	gaaagaaggc	caagggaaaag	180
aaggtggctc	cggccccagc	tgctgtgaag	aagcaggagg	ctaagaaagt	ggtgaatccc	240
ctgtttgaga	aaaggcctaa	gaattttggc	attggacagg	acatccagcc	caaaagagac	300
ctcaccgct	ttgtgaaatg	gccccgctat	atcaggttgc	agcggcagag	agccatcctc	360
tataagcggc	tgaaagtgcc	tcctgcgatt	aaccagttca	cccaggccct	ggaccgccaa	420
acagctactc	agctgcttaa	gctggcccac	aagtacagac	cagagacaaa	gcaagagaag	480

aagcagagac	tgttggcccg	ggccgagaag	aaggctgctg	gcaaagggga	cgtcccaacg	540
aagagaccac	ctgtccttcg	agcaggagtt	aacaccgtca	ccaccttggt	ggagaacaag	600
aaagctcagc	tgggtggtgat	tgcacacgac	gtggatccca	tcgagctggt	tgtcttcttg	660
cctggccctg	tgtcgtaaaa	tggggggtcc	ccttacttgc	attatcaagg	gaaaagggca	720
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aaactcggaa	gacaaaaggc	gcttttgctt	aagctggtgg	aagctatcag	gaccaattac	840
aatgacagat	acagatacga	tgagatccac	tgtcactggg	gcagcaacgt	cctgggtcct	900
aagtcctggt	ctcgtatcgc	caagctcgaa	aaggcaaagg	ctaaagaact	tgccactaaa	960
ctgggtttaa	tgtacactgt	tgagttttct	gtacataaaa	ataattgaaa	taatacaa	1020
tttccttca						1029

<210> 5587

<211> 341

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (15)...(123)

<223> similar to gi28547 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5587

ggcagagacc	caccatggcg	ctgtgtcctg	ccgacaagac	caacgtcgta	ggccgactgg	60
ggtaaggtag	ttgcgcacgc	tggcgaggat	ggtgaggagg	ccctggacag	gatgttactg	120
ctcttcccca	acaccaggac	ctacttcccg	cacttcgacc	tgagtcacgg	ctctgcccag	180
ggtaagggtc	acggatggaa	tgagggcgac	gcgctgacca	acgcggtgtt	gcacgaggac	240
tacgtgcca	acgcgtgta	cgacctgagc	gacctgcact	cgcacatgc	ttcaggagga	300
ccaggacatc	ttcaagcgac	tactgcactg	actgctggcg	a		341

<210> 5588

<211> 1911

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1609)...(641)

<223> similar to gi5225320 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5588

cttttttttt	ttgttagttg	tttttgtttt	taatttgtct	ccaataagca	atgtcttctg	60
------------	------------	------------	------------	------------	------------	----



ccccatccag	catgggaagt	gggtcccacg	tgaagggggc	cccaccaccc	cactttggga	120
agctgaaggc	tagagacttc	gggagcccc	cccggctcaa	gactcccccc	tacgtctggg	180
tgtgggttat	attcagaggc	ccgacaccca	cactggggta	ggttaggtat	tgggtttact	240
taggccacag	gccccccggg	ggcagggaga	cagagtgggg	ggcccgaagc	tcctgtctc	300
tgaagaagt	taaaaagttc	ttggggtagg	ccctgggccc	cgtggggggc	agttatgaga	360
tgaaggagg	ttactcctta	agcccaggag	tggttaagag	acagtggggc	tggtagagat	420
gcctgtttaa	agccttgccc	tctaggaggt	gttagagatt	tgctgggggt	gggggcccag	480
ggttgctggg	acccccagtt	tttggggaag	ggagctgtaa	gagattgggg	gatgttctga	540
gctccccaga	caagaactgc	tggttaagag	ggggccaggc	ccggttgggg	ctcagctgtc	600
cctgaggagc	tcggcatccc	gcctgggaga	tgcagctgtc	actggggttt	ctccctctct	660
gttgctcctg	cctcgtcctt	ggcaggtggc	ggggacttct	tgggggaagc	tgaagtgtcg	720
gggttgggga	cccccgcccc	cgactgggca	tctatgctgg	cgtgcctcct	tgcggaacaag	780
gtcctccagc	tccttcttcc	atccaaggag	ctcagcaagg	gccaggcagc	cctggctcgca	840
ttcaccacag	caggccacgt	ccctgcaagg	aggtacccat	gaccaggagg	aggtccacct	900
tcaggaagtc	tgactgcata	caggagaaga	aacgcgctgg	gaggctctca	ccaaaaaaga	960
cgattatcag	gcttcaccag	gctctgacag	tcttcacact	tgggcgtcac	ctcagagaag	1020
atcttctctt	tcattccagc	tagcgggtat	tcgtgccggc	agctggcgct	gacgcagtgt	1080
gatgtgtaga	aggtgccgtg	cgccctcaac	aaagtcctcc	tgttccagcc	cggctattcg	1140
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agggcgaaga	aggggtcccg	atgtttcttg	aaatagctga	atctcaaaag	atggcctctg	1320
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cgaaaagtgc	gggatgcctg	cgatgttgga	gattccagct	cccaccaaac	agatgactct	1440
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acgtctcttc	tggctgcccc	ggctgagcgt	ctgggagaat	aagttccgca	ggaagtccat	1560
gtctgcttct	ccaccagcgg	ctcctccctc	agagtctgaa	tctgagtcct	ggaaggggtg	1620
gggtggagtg	gccaggcccc	agagggtgga	ttaggaggag	aggagagggg	gtgataccag	1680
gtttggggaa	aaggctgtgg	caggaagggtg	gcctgaggaa	gtgcgggggtg	gtggagagac	1740
tgactggggg	ctagctccag	ggctctggga	caggctgccg	gggttggagt	cctggccatg	1800
cccgccccca	ggagcaagac	ctcatgtgag	tggttttget	ttgcttttct	tttttgagac	1860
agtgtctcgc	tctgttgccc	aggctggagt	gcactgggtgc	agtcacagct	t	1911

<210> 5589  
 <211> 1612  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1613)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (109)...(1060)  
 <223> similar to gi4929649 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5589  
 aggaggcggg cgggcgcggt tctttccgga aggattgaat ctcttttagc cccgcccggc 60

tccgtagctg	cctgaagtag	tgcaggggtca	gcccgcgaagt	tgcagggtcat	ggcgctggct	120
gctcgactgt	ggcgcttct	gcctttccga	cgtggagccg	ccccggggtc	tctctccct	180
gcggggactt	cgggcagccg	cgggcattgc	ggccccgtgc	gattccgcgg	cttcgaggta	240
atgggaaacc	caggaacttt	caacagaggc	cttttactct	cagctttgtc	gtatttgggt	300
tttgaaactt	accaggttat	ctctcaggct	gctgtgggtc	atgccacagc	caaagttgaa	360
gaaatacttg	aacaagcaga	ctacctgtat	gaaagcggag	aaacagaaaa	actttatcag	420
ttgctaacc	aatacaagga	aagtgaagat	gcagagttac	tgtggcgttt	ggcacgggca	480
tcacgtgatg	tagctcagct	tagcagaacc	tcagaagagg	agaaaaagct	attggtgtat	540
gaagccctag	agtatgcaaa	aagagcacta	gaaaaatgaa	tcaagttttg	catctcataa	600
gtggtatgca	atctgcctta	gtgatgttg	agattatgaa	ggcatcaagg	ctaaaattgc	660
aaatgcatat	atcatcaagg	agcattttga	gaaagcaatt	gaactgaacc	ctaaagatgc	720
tacttcaatt	caccttatgg	gtatttgggt	ctatacattt	gccgaaatgc	cttgggtatca	780
aagaagaatt	gcctaaaatg	cctgttttgc	actccctccc	tagttcccac	cctatgagaa	840
ggccttaggc	taactttcac	agggcagaac	aagtggatcc	aaacttctac	agcaaaaact	900
tacttctttt	aggaaagaca	tacttgaaac	tacacaacaa	aaagcttgct	gctttctggc	960
taatgaaagc	caaggactat	ccagcacaca	cagaggagga	taaacagata	cagacagaag	1020
ctgctcagtt	gcttacaagt	ttcagtgaga	agaattgaga	acttttcaga	gaagatttat	1080
gaaatagcta	ataaacattg	ccttttcttt	taattctaaa	cttaatatat	gaactataac	1140
tgttctacgg	ctttttaaat	gttgtgacca	tttaaccgtg	taaatataaa	atattctagg	1200
cttcttcaca	aataatagg	taaaataaat	aatcgccata	agagtggtag	aaataaatct	1260
ccatggctca	ggcaaagaga	ttatttttgc	tcctggatac	cagcaatgca	aaatggtatg	1320
agattttctaa	ggattgatca	cattgggatg	ggagatcaag	caaagaaata	ttttagtagg	1380
aggggaaatg	gatctatagg	ggatatacag	ggggatggat	tttcaaattg	gattgattct	1440
aagttgaaat	cttgaagaga	aggtgtgggt	acagtgggtt	ggatgttgtg	ggttcctgac	1500
ataaagtagt	taaatgatat	atcttggagc	taacctgtga	aataaaaaac	taagtaagga	1560
gatgatgtat	tgcgnccgct	ctagagtatt	caacctaaca	aagagtgact	tt	1612

<210> 5590

<211> 2065

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2038)...(179)

<223> similar to gi535012 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5590

tttttcagag	acaaggcttt	tattcactgt	atgccttggc	atctcctctc	acaccagaaa	60
gtttaaaaga	aaaaacacag	cgacaaggat	tcacttgggc	catttttgga	cccatattata	120
ttgtgggtgt	tactctgggc	ttcatctagc	cccatactag	cctctgagac	tgccctcagac	180
cgtctgaaca	ttcatggcct	tcccttgggc	ccaaatgtag	ctgtcccagt	gtaaaaggag	240
tcatagtctg	gagtgtgaaga	cccagggatc	ttacaaaaag	cctccttggg	ccttaggctc	300
tgggtagtag	gaaaaccagg	ttgtgtttgt	acccctagtc	aaaaactttg	atggcaattc	360
tcaaaaacac	gtttcggatg	ggtgctgagt	ggtggggtag	agtctcccct	gggacagatg	420
ctgctcagag	acttcctggg	gcaatttggc	tctgctgtca	gggaggaaga	tctcatctgg	480
ggatgtgcc	gggatccccg	ccgggcgaat	ggactcccag	ttgccacccc	cggggaacac	540
gttaagcatt	gtttcccctg	ccccaggaa	tgaaggtctt	gcccattctc	caaatcaaca	600
ctccttaaaa	aggacttcca	actggcaaaa	aatcccctcg	gcccctcggt	gacccggtag	660

cacttctcaa	gccgtgcaact	cggccttgct	ggtgggggttg	ctcagggcaa	agatgatagg	720
ggcgctcgty	gaaggaggcc	atgtccctca	gaatctgctc	cgtgaagggc	ttctgcgatg	780
gcagcaacac	ctatgatggc	tgtgggcttc	accagcctca	ccacctcctc	cagggagttg	840
acttcaggat	gggtcttggg	caaacatctc	cttttcatgg	ttcaggtggt	ctctccccctg	900
aacaatgagc	cctttaaaag	tccaccatcc	cagatctttc	ttgtggcctc	ctgccttcgg	960
tacaccttct	ttcctctagg	gccatgacaa	ggaggtgggc	aatgccccat	agctgcctcg	1020
cctgcacctt	ggaaaccaa	cacgtgattg	gaaagcttgt	tcttggtgat	tcgcagagca	1080
gccaagatcc	ctgccacagc	aacggaggct	gtgccttgga	tgtcatcatt	gaacatgcag	1140
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<210> 5591

<211> 1126

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (194)...(916)

<223> similar to gi2477514 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5591

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tgtctgctgg	agaagagtca	catggacagg	gagcgtctgg	atgaggaagc	tgggaaaaca	300
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gggcccgcagc	gatccaacac	atatgtgatc	aagctgttcg	accggagcgt	ggacttgggc	480
cagttcagcg	agaacacgcc	actgtaccca	atctgccgcg	cctggatgcg	caacagcccc	540
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gagggcttca	gaggtaacca	acagcaagag	togttgatgt	gtacaagctt	gcccgcacac	660
ccacaccccc	gggggccaac	cgaagaatgc	ctgcagattc	ccgcacccca	tctccacttg	720
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aaaaaaaaag	ggggggccct	tttaagggga	ccaattttta	ttcccggggg	ttgggaagggt	1020
aaaatttttt	ttttggggcc	ccaaaattaa	attccggggc	cgggttttta	aaacgggggg	1080
gggggaaaaa	cccggggggt	ccccaattta	atccctttgg	gaaaaa		1126

<210> 5592  
 <211> 1964  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1741)...(1871)  
 <223> similar to gi5921397 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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cacaaaatat	gcttaatata gaaaccacaca ttcattgtttt taagaaaaaa gtgtaaattg 180
tattccacct	caaaacataa attaacccgc ttaaagaatc ttcagcggtc aaagtcattg 240
tgaattttta	acaacttcag agtaaaataa caagtacttt atactgcttt atatctaaaa 300
aatgcttaca	actttctcata aaaatagttt gaagcaacta ttttttcttt tattttttta 360
cagacacgtt	caacattacg ggcaacattt ttaaaacctt aagctttaca gactttcaaa 420
cattcaaata	ctgggggtccc tttcctttga tgtggtttat tcagctagaa aagaaaacat 480
ggtagacaac	ttaatacatt ttcaccaaatt ttgaaagtag taaaaaaatt ttaggactct 540
accgaactac	acatcgtaac taatgtatca ttaaaaatag aagacagtat tttcttcagc 600
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gagctcttat	tttgaggcag atctgccaat tcttttagtg ggacaaaaaa tacatccagt 1140
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tctggagctt	ctgcttcaga	agctttccca	gacctcgccg	ttgttacctg	agaggaaaacg	1920
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<210> 5593  
 <211> 5276  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (644)...(4326)  
 <223> similar to gi4589640 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 5594  
 <211> 3281  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (141)...(2294)  
 <223> similar to gi4469187 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5594

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<210> 5595

<211> 6233

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5734)...(1911)

<223> similar to gi5305331 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5595

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<210> 5596

<211> 4321

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (232)...(3905)

<223> similar to gil702924 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5596

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<210> 5597

<211> 2197

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (608)...(2180)

<223> similar to gi3947613 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5597

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<210> 5598

<211> 4378

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (230)...(4154)

<223> similar to gil228045 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 5599

<211> 3925

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (3926)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (208) ... (2552)

<223> similar to gi2769562 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 5600

<211> 7030

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (70)...(2429)

<223> similar to gi4688902 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 5601

<211> 3734

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3319)...(252)

<223> similar to gi3451166 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5601

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<210> 5602

<211> 1038

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (51)...(308)

<223> similar to gil890635 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5602

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<210> 5603

<211> 994

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (515)...(380)  
 <223> similar to gi5104224 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5603

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gcacgtcctc	tcgtgccgaa	ttcctcagcg	cggga			994

<210> 5604  
 <211> 1671  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1543)...(429)  
 <223> similar to gi189762 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5604

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tctttcatca	ggactctgcc	acatccatac	tttgtccttg	tggtgagaga	ggataaaatg	180
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aatacctgct	gttgcttttag	aaatcgtttt	cctttatgaa	tagtcaggtc	ttgcagtaca	360
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caaactaaat	atttaattgtt	ttctttattg	caaatatgat	gtctttgacc	tgaggatatag	480
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ctcctactcc	caaactgtgg	ccagcctcct	tcccacagtt	acaagatgaa	ttttgtcttc	660
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gtcaacctgc	acggcagccg	gcgcgggtcca	gtgaaagcgc	ctcttcagca	gcccagagac	1500
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ccgctgccaa	acgaccccag	agggggccggc	agacgtgagc	acgcccgcct	ccaccggcgc	1620
gggcaatggc	aaggcgcgcc	ggctgcgtga	cccggcccacc	cgcccaccgg	t	1671

<210> 5605

<211> 3670

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3671)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (197)...(2288)

<223> similar to gi5834572 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5605

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cctcctcccc	cgccgccttc	ctgcagatct	gcttggcttt	gaggaagagt	ggcagtactg	180
cctcactgca	taagggatgg	gatcagagaa	cagtgcctta	aagagctata	cactgagaga	240
accaccattt	accttaccct	ctggacttgc	tgtttatccc	gctgtactgc	aagatggcaa	300
atttgcttca	gtttttgtgt	ataagagaga	aatgaagac	aagggttaata	aagctgccaa	360
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cagccctggt	ccagtcacgg	gtgatccccg	tgcttctcca	gttggttgaa	gttcatgaag	1260
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gaattctgtc	ctggatagct	tcaggataaa	aaagttttca	taaagaagat	acaaaatcca	3600
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cctcgtgccg						3670

<210> 5606

<211> 1774

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1279)...(1756)
<223> similar to gi804764 in the genepept database release 114,
      Run with FASTXY 3.3t00; default parameters

```

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<400> 5606
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aatctcttca attctcacct gacctaaaat ctaagcatct tattttcttc tgcaatgctg      180
cttgacccca atataaactc gacaggagtt ccaaatagcc agaaaatggc acattcaatt      240
tttccatctc acaagatcta aataattctt gtcgtaaaat ggcaaatggt ctgagggtgcc      300
tgaagtccag gcattctttt acacatcagt ccttccctag tctctgtgcc cagtgcact      360
cgtcccaaat ctctcttctt tccctccgcg ctgtccctc agtcccaacc ccaagcgtca      420
ctgagtcttt ctaatcttcc ttttctacag acccatctga cctctccctt cctccctggg      480
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ataatccttt tatcacctcc cctcctcaca cctggctcgg tttacagttt cgttccgtga      600
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tagtcaaggt taatgtctct ttttctttat cccaaatcag atagcgttta ggctcttttt      720
catcaaatat aaaaatccag cccagttcat ggctcgtttg gcagcaaccc tgagacgctt      780
tacagcccta gaccctaaaa ggtcaaaagg ccattctatt ctcaatatac attttattac      840
ccaatctgct cccgacatta aataaaactc caaaaattaa attccggccc tcaaacccca      900
caacaggatt taattaacct cgccttcaag gtgtacaata atagagtaga ggcagccaag      960
tagcaatgta tttctgagtt gcaattcctt gcctccactg tgagacaaac cccagccaca     1020
tctccagcac acaagaactt ccaaacgcct gaaccacagt tgccaggggt tctccagaa     1080
cttctctccc caggaacttg ctacacatgc cggaaatctg gccactgggc caaggaatgc     1140
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gactgtccaa ctacactggc agccactccc agagccctg gaactctggc acaaggctct     1260
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caagggcctg tttcccttgc ctccataact gttgtaggta ttgacggcca ggcttctaaa     1500
cctcttaaaa ctccccaaag tctggtgcca acattagaca atacgtcgtt ttaagcactc     1560
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aatccaaagc ctcttttggt tctctctctt gtatacccca acttaaccca caagtataag     1740
atctctctac tccctccttg acgaccgatt catg                                     1774

```

```

<210> 5607
<211> 4178
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (4135)...(1038)
<223> similar to gi4240251 in the genepept database release 114,
      Run with FASTXY 3.3t00; default parameters

```



<400> 5607

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ctcttccccc	cctccaccac	ccctggcccc	aggcctgagt	caatgagggg	gaggatgagc	180
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tgtctggactc	cacagctgag	gaggctgcct	gtctagaggt	ccgaagggct	gggcctgggg	300
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atggcccacg	ggggcaagtg	ggatgctaaa	ccctggctgg	cccgtgccag	acgccagttc	660
cagcccttgc	acaggaccca	gacccttgcc	aacagagcta	atgggtgttg	ggtgggtgcgg	720
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<210> 5608

<211> 1010

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1011)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (113)...(255)

<223> similar to gi1537015 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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tcaagcagta	gtgatggcag	taggtggagg	atctcggatg	acagacctaa	cttcagcat	180
tcccaaacct	ctgcttcag	ttgggaacaa	acctttaatt	tggtacccat	tgaacctgct	240
tgagcgtgtt	ggatttgaag	aagtcattgt	ggttacaacc	agggatgttc	aaaaggctct	300
atgtgcagaa	ttcaagatga	aaatgaagcc	agatattgtg	tgtattcctg	atgacgtga	360
catgggaact	gcagattctt	tgcgtacat	atatccaaaa	cttaagacag	atgtgctggt	420
gctgagctgt	gatctgataa	cagacgttgc	cttacatgag	gttgtggacc	tgtttagagc	480
ttatgatgca	tacttgcta	tgttgatgag	aaaaggccaa	gatagcatag	aacctgttcc	540
cggtaaaaag	gggaaaaaaa	aagcagtgga	gcagcgtgac	ttcattggag	tggacagcac	600
aggaaagagg	ctgctcttca	tggctaata	agcagacttg	gatgaagagc	tggtcattaa	660
gggatccatc	ctacagaagc	atcctagaat	acgtttccac	acgggtcttg	tggatgcccc	720
cctctactgt	ttgaaaaaat	acatcgtgga	tttcctaata	gaaaatgggg	tcaataactt	780
ctatccggag	tgaacttgat	tccatattta	gttgaggaaa	acagttttcc	tcagcttccct	840
cacaacaggg	gacaaggaag	gaaaaagagg	gagggtctaa	aggaaaaagg	ggcttgaagt	900

ccttttaggat	atcttacagt	ttttattaaa	aggaagccaa	ttacactgga	accggggctc	960
cctatggatg	gcctgctggg	gattgctgt	tcgagggngg	acggttgggg		1010

<210> 5609  
 <211> 2189  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (50)...(2003)  
 <223> similar to gi4680647 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5609						
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cgaagctatt	acattgcttg	aacaaaataa	ttgggactta	gtggcagcta	tcaatggtgt	180
aataccacag	gaaaatggca	ttctacaaag	tgaatatgga	ggtgagacca	taccaggacc	240
tgcatttaat	cccagcaagt	catccagctt	cagctcccta	ctccctcctt	cctcccttcc	300
agcgtttcga	cctgtaatgc	ccaccagggg	cagattgtag	gaaagggcaa	cctcggtatgc	360
tggatttcag	ggttgaatac	agagacagaa	atgttgatgt	ggtacttgaa	gacacctgta	420
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tgtaaaaagg	ctggaagacg	ggagatgtgg	aagacagtac	ggtcctaaaa	tctctacact	540
tgccaaaaaa	caacagtctt	tatgtcctta	caccagattt	gccaccacct	tcacatctta	600
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gagaagtcca	gcgggagtac	aacctgaact	tctcaggaag	cagtactatt	caagaggtaa	720
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aaatcaccca	tgttcatatg	gttagtgata	gcgatggaga	tgactttgaa	gatgctacag	960
aatttggggg	ggatgatgga	gaagtatttg	gcctggcgtc	atctgccttg	agaaaatctc	1020
caatgatgcc	agaaaacgca	gaaaatgaag	gagatgcctt	attacaattt	acagcagagt	1080
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tggctgcaat	ggagatcttc	acagcccaac	aacaggaaga	tataaaggac	gaggatgaac	1560
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tgctctctga	gccttaggaa	gaaaatgctg	agcctgtgag	caaactgcgg	atccggaccc	1800
ccagtggcga	gttcttgagg	cgggggttcc	tggccagcaa	caagctccag	attgtctttg	1860
atthttgtagc	ttccaagagg	atthttccatg	ggatgagtac	aagttactga	gcacctttcc	1920
ttaggagaga	cgtaactcaa	ctggacccaa	ataaatccat	tattgggagg	taaagttggt	1980
cccttcaaga	aacccttttc	ccttggaagc	caaaagagta	aacacggggc	cagcggtgga	2040
accaccctt	tcttggccaa	gccagcaagc	tgcggtcgga	agaagggttc	ttcgccaacc	2100

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caccccccggt ctgtttctcat tcaattcatg gtcccacttc tgctttcttgc aaaatggctg 2160
gaaaaagtaa taataaatat agctactta 2189

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<210> 5610
<211> 3446
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (201)...(2368)
<223> similar to gi4321664 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 5610
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cagaagggtgt ccaactatcc attaccaaga agaaatctat tcgtttgagc ctgagacact 180
ctttgaggta aaaaattaga atgaaagaac ctttggtatg tgaatgtggc aaagcagtgg 240
taccacagca ggagcttctg gacaaaatta aagaagaacc agacaatgct caagagtatg 300
gatgtgtcca acagccaaaa actcaagaaa gttaaattgaa aattgggtgg gtgtcttcag 360
ttaatgagag acctattgcc cagcagttga acccaggctt tcagctttct tttgcatcat 420
ctggcccaag tgtgttgctt ccttcagttc cagctgttgc tattaagggt tttgttctg 480
gttgtaaaaa aatgctttat aagggccaaa ctgcataatc taagacagga tctactcagc 540
tcttctgtct cacacgatgc atcaccagac attcttcacc tgcttgctg ccacctctc 600
ccaagaaaac ctgcacaaac tgctcgaaag acattttaaa tctaaggat gtgatcacia 660
ctcgtcttga gaattcctat cctagcaaag atttctgcag ccaatcatgc ttgtcatctt 720
atgagctaaa gaaaaaacct gttgttacca tatatacaa aagcatttca actaagtgca 780
gtatgtgtca gaagaatgct gatactcgat ttgaagttaa atatcaaaat gtggtacatg 840
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gttgtgagaa ctgtgggagc tattgtctata gtagctctgg tccttgccaa tcccagaagg 960
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ccctggggaa gtcattgagg ccctcagctg aaatgattga gactacaaat gattcaggaa 1080
aaacagagct tttctgtctt attaatgtct tatctgttta cagagttaag actgttactt 1140
cttcagggtg ccaggtttca tgtcatagtt gtaaaacctc agcaatccct cagtatcacc 1200
tagccatgtc aaatggaact atatacagct tctgcagctc cagttgtgtg gttgctttcc 1260
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gcctaagtgg ttgttaagcc cgccctctc cagggtcagc agtgtcaata gggaggagg 1380
aacacctctg ccgtttcccc cagctccatc cgtggctctg ctgcagccag cctccaacct 1440
cttggtgaac aatcccagca agttgcttta accatacag ttgttaaact caagtgtcag 1500
cactgtaacc atctatttgc cacaaaacca gaacttcttt tttacaaggg taaaatgttt 1560
ctgttttgtg gcaagaattg ctctgatgaa tacaagaaga aaaataaagt tgtggcaatg 1620
tgtgactact gtaaactgca gaaaattata aaggagactg tgcgattctc aggggttgat 1680
aagccattct gtagtgaagt ttgcaaatc ctctctgccc gtgactttgg agaacgatgg 1740
ggaaactact gtaagatgtg cagctactgt tcacagacat ccccaaattt ggtaaaaaaa 1800
tcgatgggag ggcaagtaag aagagttttg ttgtgaagat tgtatgtcca aattaacagt 1860
tctgttttat cagatggcca agtgtgatgg ttgtaaacga cagggtaaac taagcgagtc 1920
cataaagtgg cgaggcaaca ttaaacattt ctgtaacctt ttttgtgtct tggagttttg 1980
tcatcagcaa attatgaatg actgtcttcc acaaaataaa gtaaatattt ctaaagcaaa 2040
aactgctgtg acggagctcc cttctgcaag gacagatata acaccagtta taaccagtgt 2100

```

gatgtcattg	gcaaaaatac	ctgctacctt	atctacaggg	aacactaaca	gtgtttttaa	2160
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tatgaaattt	ccatcttccc	aatcttccca	gccttccagg	cttttaaaga	acaaaggcat	2280
atcatgcaaa	cccgtcacac	agaccaaggc	cacttcttgc	aaaccacata	cacagcacaa	2340
agaatgtcag	acagatttac	ctatgcctaa	tgaaaaaaat	gatgcagaac	ttgattctcc	2400
accttcaaag	aaaaaaagat	taggtttttt	ccagacttat	gatacagaat	atttaaaagt	2460
tggttttatt	atctgtcctg	gatcaaaaga	aagttcacca	aggccacagt	gtgtcatttg	2520
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aaaacattca	gaattagaaa	acaaaccagt	agattttttt	gaacaaaaat	ctttagaaat	2640
ggaatgtcaa	aatagttctt	taaaaaagt	tttactagtt	gaaaagtcac	ttgtgaaagc	2700
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gcagtcagca	caaattttta	gttttataaa	gagcaatgca	ttaaattcac	gtatgttaac	3360
aattttgtgt	gaagagatgg	gatctgagca	tgtgagttta	ccgcttcattg	ctgaagtacg	3420
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<210> 5611

<211> 2531

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (997)...(2355)

<223> similar to gi3874427 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5611

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aagtacaagg	atattcaaga	caaactagaa	aagattagtg	aagagacaaa	tgcacgagca	180
ccagaatgta	tggcattgaa	agcagatggt	gttgctaaga	aaagggccta	taatgaagct	240
gaggttttat	ataaccgatc	cttaaacgaa	tataaagcat	taaagaaaga	tgatgagcag	300
ctttgtaaac	gaattgaaga	gctgaaaaaa	agtactgacc	aatcttttga	acctgaacgg	360
ttggaaagac	aaaaaaaaat	atcttggtta	aaagagagag	taaaggcctt	tcaaaatcaa	420
gaaaattcag	tcaatcaaga	gatcgaacag	tttcagcaag	ccatagaaaa	ggacaaagaa	480
gaacatggca	aaattaagag	agaagaatta	gatgtgaagc	atgcactgag	ctacaatcag	540
gggcaactga	aagaattgaa	agatagtaaa	actgatcgac	tcaaaagatt	tggccctaata	600
gttccagctc	ttcttgaagc	catagatgat	gcttatagac	aaggacattt	tacctataaa	660
cctgtaggcc	ctttaggagc	ttgcattcat	cttcgggacc	cagaacttgc	tttggctatt	720
gaatcttgct	taaaagggct	tctgcaggcc	tattgttgcc	ataatcatgc	tgatgaaagg	780
gtccttcagg	cactcatgaa	aaggttttat	ttaccatgga	cctcacggcc	accgataata	840

gtttctgagt	gtcggaatga	gatatatgat	gtaagacaca	gagctgctta	tcattccagac	900
tttccaacag	ttctgacagc	tttagaaata	gataatgcgg	ttgcggcaaa	tagcctaatt	960
gacatgagag	gcatagagac	agtgtacta	atcaaaaata	attctgtagc	tcgtgcagta	1020
atgcagtccc	aaaagccacc	caaaaattgt	agagaagctt	ttactgctga	tggtgatcaa	1080
gtttttgcag	gacgttatta	ttcatctgaa	aatacaagac	ctaagttcct	aagcagagat	1140
gtggattctg	aaataaagtga	cttgaggaga	gaggttgaaa	ataagacggc	ccagatatta	1200
aatcttcagc	aacattttatc	tgcccttgaa	aaagatatta	aacacaatga	ggaacttctt	1260
aaaaggtgcc	aactacatta	taaagaacta	aagatgaaaa	taagaaaaaa	tattttctgaa	1320
attcggaac	ttgagaacat	agaagaacac	cagtctgtag	atattgcaac	tttggaagat	1380
gaagctcagg	aaaataaaaag	caaaatgaaa	atgggttgagg	aacatatgga	gcaacaaaaa	1440
gaaaatatgg	agcatcttaa	aagtctgaaa	atagaagcag	aaaataagta	tgatgcaatt	1500
aaattcaaaa	ttaatcaact	atcggagcta	gcagaccac	ttaaggatga	attaaacctt	1560
gctgattctg	aagtggataa	ccaaaaacga	gggaaacgac	attatgaaga	aaaacaaaaa	1620
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gaggagaaaa	tgtcacaagc	aagacaaatc	tgcccagagc	gtatagaagt	agaaaaatct	1740
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agtcattggag	atcgagagga	aataatgagg	cagtaccaag	aagcaagaga	gacctatctt	1860
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tactttgaca	acttactatc	tcagcgggcc	tattgtggaa	aatgaattt	tgaccacaag	2040
aatgaaactc	taagtatatc	agttcagcct	ggagaaggaa	ataaagctgc	tttcaatgac	2100
atgagagcct	tgtctggagg	tgaacgttct	ttctccacag	tgtgttttat	tctttccctg	2160
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caagaagaag	atgatgacca	aagggtgattt	gtaacttaac	atgccttgtc	ctgatgttga	2460
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cattctgaaa	a					2531

<210> 5612

<211> 2161

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2102)...(1410)

<223> similar to gil730284 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5612

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tctaattctgc	ttttaaaaaa	taaccatgga	tacaatttgt	acttaatacc	tggaagttaa	120
aaaaactggc	actgtcattc	tcttgatcac	tctcctgatc	ctctgacttc	ttgaattccc	180
atttcctcaa	ctgtaaaaca	aggaatttta	atatgactta	cctatccggg	ttaaataaaa	240
ttgcaattca	aaaagtattc	ccatatatgt	taagaaaaac	tgaaatagcc	actaaaatgc	300
attcaaaaata	aataaattat	ataattatca	ctacacagat	tcaccataca	actcatttct	360
acttaagaga	ttcatataga	cacaatgaca	aaatagattg	tgtccacaga	aagatcgaga	420
gtgaaatttc	cagaaactat	cttagatgaa	ataattgaag	aattcagggt	aatattttat	480

tgaacaaatg	cagagtaa	gaactaagg	ctgttataac	cttaagttac	aacaaacaac	540
ttcaaata	cagagggctg	tcacacagag	aatgaaagac	ttgctcagta	tttctccaaa	600
gggcagaact	tgagccaagg	gataaatata	agcaaccaat	gggctgcagg	atagttgtac	660
aaagtgtatc	atgtatcttc	atagcttctt	tgcccatata	atgcattcca	cacttaagtt	720
tctccttcta	aaaggcgaca	gcacaagtta	atatgtctca	taaagtgtctt	aaataagttg	780
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ctaaagttaa	caaactgggt	tagtatggaa	atggcttatt	tggtcctcag	ctatgtttct	900
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agggtgaatc	ataatcccca	gtgattcaga	tactgtgcct	ggggacaatc	tttcttcaag	1020
tccaaatgaa	tcattataat	tatcaaccaa	tggtacatat	aagagtacgg	catgtgctgg	1080
gacagagaaa	agacagttga	caaacactat	tctacatgaa	acaggaaatc	ttatttttatg	1140
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caataaattg	aaaatacaaa	ctttacattt	ctacgtttgt	cagtatacag	gattctgaag	1380
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cttttccaaa	gatatcttgc	attattcatg	tcattatgga	gcaaataata	agctagaagc	1920
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cgcactgac	cagcaacttt	ttgaaactaa	aggcgctttc	cgccatcacc	gccactggca	2100
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g						2161

<210> 5613

<211> 2293

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2155)...(1087)

<223> similar to gi210699 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5613

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gaaaggaaaa	aaaagcctcc	aagttgtgta	ttatttgtca	gtaaagcaaa	acaaatgtgt	180
aagcccactt	atatttaata	atgtctcact	gaaattaaag	taatagggga	gagtctgaag	240
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taaaatatgt	atttatacag	ccttttgcag	acttatgaac	tatctcaaat	tcacgaatcc	360
tattttttta	atacagtttt	aagtttcaac	cacttgtatc	accagaattt	tgagacttaa	420
ctcccatggt	taagagattt	ccaagctgtg	ttcacacctg	tagtcccagc	tacactgaaa	480

gctaaggcgg	gaggaccaca	tgagcccagg	agttccagac	tagccttgct	ctattttaaag	540
agcaagactc	cactgccaaa	aaaaaaaaagg	aaaacccaaa	aaaaaaattc	cataaataac	600
tgggtttcta	aaattccatc	ttttcagtga	aacagtacat	cacttaaggc	taaaactatg	660
tctttttatca	ctgtaagtcc	ccagtactgc	ttacacccta	cacagagtag	atgctcaata	720
aatgtttgat	gatttggcaa	ttaatgggat	aggagggaaat	attaatatgt	gtcaataaat	780
tactctgaat	attataaata	ggcttatgag	tatggaaaag	acccaccctc	aaggaatttg	840
tgatcttttc	tcttacatca	tactgctgtt	ttcaatatgc	cataattttt	cttttcttca	900
gggtgggggtc	agggaaacaa	cacaaaatag	ctgtggatgc	tgtttaacaa	tcagcatttc	960
ataagcagtt	aagaattttct	gtactttcac	aaaaatgaaa	aaatctctct	aaagattatg	1020
tgagcccaat	ctatgcccaa	atcttttttt	tttttttaat	atagagaact	gattatgttc	1080
acttgtaacc	tgctattcca	aaattcttca	ggatgtttaa	tgttcaagtg	tccatattcc	1140
cagtcctact	ggatgcctgg	caggatgcaa	ccatctgaat	gagtggaaat	ataatgtttg	1200
caccaggtag	tatattagga	gccttgaacc	cagaatatgt	ctgattaagt	cttttagccc	1260
aataatttgc	cactgctgcc	aagtctggta	attttgaagg	agaaagtcca	accataacgg	1320
ggtgatacag	ggcaccctcg	tactcaaaaa	aactttcaaa	gtgctttcta	aacaagtttc	1380
tctttctcct	tgaatacaac	gtcagtcaca	actgatggca	gtacaatcga	tccatccata	1440
cactgctcta	agaacatctt	gatggtataa	tatgctgtca	ttcatgctct	acctgctact	1500
agtttaattt	ggtcaagtag	ctctttccct	ggagactcaa	attctactag	actcaaattc	1560
tattagacca	aagacaaatg	atctcaacca	tggctttcac	ttaaaccaat	cactggccct	1620
gcattataac	tgagcaacaa	gttggcacia	tcaccatgtg	ttggttgctg	gagagctatc	1680
atcagggtct	tgaattgctt	ctgaacctgg	agactgctgg	cacggattct	gtcacttgac	1740
ccctactact	atgccaatgc	caatcagtag	atcacacag	tacagtacag	atgatagctc	1800
caagaatgta	aattgcgga	ccttcccttt	gtggctttgg	ccatacagca	ttttagtttt	1860
gttctttcca	ttaactgaag	tcacgaggta	tgcttcttgg	gaaactccaa	cagttaagag	1920
attctcatgt	attccatgaa	ataaaaagca	aagaaaaatc	aaacttgtct	taatgagatg	1980
gaagtgttgg	atcaaacact	gattgagctg	ttctatgtcc	tccacttccc	cagtgcctgg	2040
atgtggttca	tctgcatcga	tggatactgt	ccaaatttgc	cacttggttc	aaaagactgc	2100
tgcccagtg	atggtaatgc	agatagaggc	tcagaggtat	ccatgggttc	ctccatgatg	2160
aacaatggtc	ttgattgctg	aagcgattgt	ttctgattgg	ttcctatgcc	cagatctgta	2220
cctccacact	tgggaggctg	agggaggata	gcttgagccc	aagtgttcaa	agttgacagt	2280
gagctatgat	cac					2293

<210> 5614

<211> 1378

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (167)...(1165)

<223> similar to gi4200234 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5614

gtcgggcctc	ctccagtaag	aagcgtgggc	gagtagtggt	gtcgccagtg	gcaactgaag	60
ggagtaatgg	agataaaaca	aaagcgaagg	cgaagttaaa	gcactccacg	agttccctcg	120
gattaaacgc	cggagagagc	gtgaatttgc	ctcggggacg	cctctccagg	aatgtcggat	180
tgacatcct	attgtaaaat	gtacttactg	cagatcagaa	tttcaacaag	agagcaaac	240
taacacaatt	ttgtaagaag	tgtgctcaaa	atgtgaagca	atgtggggac	ggccaagcct	300
ttttcagtac	tgtaacataa	tttcagcatt	ttttggtacc	aagtgtcagc	gttgcaaaaa	360



ttcagaaaaa	aagtatggac	cacctcagac	ctgtgaacag	tgcaaacagc	aatgtgcttt	420
tgatcggaag	gaggaaggaa	gaagaaaggt	tgatggaaag	ttattatgct	ggctctgtac	480
tttatcgta	aaaagagttt	tacagaagac	gaaagaacaa	aggaagagcc	tgggatcttc	540
acattcaaat	tcattctctt	catctcttac	tgagaaagac	cagcatcatc	caaaacatca	600
tcaccacat	catcaccatc	accatcgta	cagcagtagc	catcacaaaa	tcagcaatct	660
aagtccagaa	gaagagcagg	gactgtggaa	acagagccat	aaatcctctg	caacaattca	720
gaatgaaact	ccaaagaaaa	agcccaaat	ggaatctaag	ccatctaattg	gagataggtg	780
tatgtaattg	gtgccattag	taaggtaatt	tgccagttgc	atccatttct	gtcagtagct	840
ctataaatca	gtcagcagat	agtgggggaa	cagacaattt	tgctcttata	agtcaactga	900
aagaagaagt	gatgtcactt	aagcgtctct	tacagcagag	agaccagacc	attttagaaa	960
aagataaaaa	gttaactgaa	ctaaggcgag	actttcagta	ccaagagtca	aatttgagaa	1020
caaaaatgaa	cagtatggaa	aaagcccaca	aagaaactgt	ggaacaactt	caggccaaaa	1080
acagagaact	actcaaacag	gtcgcagcat	tatcaaaggg	taaaaaattt	gacaaaagtg	1140
gaagcatact	aacatctcct	tgagaaagtc	atttgtttag	catttcttct	tacaatgtaa	1200
atttggggaa	aaaaaattct	gtgaagccct	taaattctgt	gtagtagaaa	aatatttttg	1260
cacaccaaat	gaattggtgt	gtttcctgtt	cacttttgta	attgatatac	agcatttttt	1320
aagttgtaaa	acattcaaat	aaaacttcaa	ctggtttgaa	gtaacttttt	aattaaaa	1378

<210> 5615

<211> 2473

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (94)...(1892)

<223> similar to gi3047308 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5615

cccacgcgtc	cgcaaggagc	taaggccttc	agtgtccctt	tccttaccce	ggttttctcac	60
agaatggatt	cccagcggga	acttgacag	gaactgcggc	tttaccatc	cacccttctt	120
caggatggtc	taaaagatct	cctggatgag	aaaaaattca	tcgattgcac	cctaaaagca	180
ggtgacaaaa	gtcttctctg	ccacagattg	attttgtcag	cttgtagtcc	ttacttccgt	240
gagtactttt	tatctgaaat	tgatgaggcg	aaaaaaaaagg	aggtagtgct	agacaatgtg	300
gatcctgcta	tacttgattt	aatcatcaaa	tacctgtact	ctgccagtat	tgatctcaat	360
gacggaaatg	tgcaagatat	ttttgcattg	gccagccgct	ttcagatccc	ctcagtgttt	420
actgtctgcg	tttcttatct	tcagaaaaga	cttgctcctg	gtaaactgtc	tagccatcct	480
aagattagga	cttcttcttg	actgcccag	actcgccatt	tctggcccg	gaatttgcgt	540
ctgatcgctt	tgtacagatt	tgtaaggga	aggactttat	gcaactgggc	tccacaggaa	600
ctgatctcag	tcatttcaaa	tgacagccta	aatgtagaaa	aagggaaga	cagtatttga	660
gggcagtgat	gaaatgggtg	cggaacagac	aaggaaaaaca	gggttaaaaa	ccttttagtg	720
aagtgttttg	attgtatccg	ttttgcctt	atgacagaaa	aatattttta	ggatcatgtt	780
gagaaagatg	atataattaa	aagcaaccca	gacctccaga	aaaaaatcaa	agttctaaaa	840
gatgctttcg	caggcaaat	cccagaacct	agcaaaaatg	ccgcgaagac	tggggctggt	900
gaggtgaatg	gtgatgttgg	tgatgaagat	ttacttctctg	gttacctgaa	tgacattccc	960
aggcatggaa	tgtttgtaaa	agacctcatc	ctcttggtta	atgacacagc	agcagtggct	1020
tatgacccca	cggaaaatga	atgctacctt	actgcactgg	ctgagcagat	tcccagaaat	1080
cattccagca	ttgttaccca	gcaaaatcag	atatatgtgg	taggaggact	atatgtggat	1140
gaagaaaata	aggatcaacc	tctacagtca	tacttcttcc	agctcgatag	catagcatct	1200

gaatgggttg	gacttccacc	tctgccttca	gccaggtgtc	tcttcggtct	gggagaggtg	1260
gatgataaaa	tctatgtagt	tgcaggcaaa	gaccttcaaa	cagaggcttc	gctggattca	1320
gtattatgct	atgatcctgt	ggctgcaaaa	tggaaacgaag	taaaaaaact	ccctatcaaa	1380
gtctatggcc	ataatgtgat	ttcacataaa	gggatgatat	attgtctagg	aggaaagaca	1440
gatgacaaaa	aatgtacaaa	caggggtgtt	atcttcaacc	ccaaaaaagg	agattggaaa	1500
gatctggctc	caatgaaaat	tctcgtttcc	atgtttggag	tagcagtcca	taaaggcaaa	1560
attgtgattg	caggaggtgt	cactgaagat	ggcttttcag	cttcagttga	agcttttgac	1620
cttacaacaa	ataaatggga	tgtaatgacc	gaatttcccc	aagaaagaag	ctccatcagt	1680
ttggctcagc	tggtcggatc	tctgtatgca	attgggtggt	ttgctatgat	tcaactggag	1740
tctaaagaat	ttgcacccac	tgaagtcaat	gacatatgga	agtatgaaga	tgataaaaaa	1800
gaatgggctg	ggatgttgaa	ggaaatacgt	tatgcttcag	gagctagttg	cctagcaaca	1860
cgtttaaatc	tcttcaaact	gtctaaactg	tgaacaaggt	gacaaaacat	aatagattgg	1920
gaggtggttt	gtttggtgaa	tggggcttta	atttattctg	ttttttaaaa	gcttgtagag	1980
acactcatgt	agaaattatt	caagaagtta	ttgtctaaga	gatgagcagt	aggtaagaaa	2040
acctcagtca	ttgactcttc	aatgtaatga	tcagagttta	aaaccatttt	ctaataataa	2100
attaaatctt	cagttgaaca	aattattttg	tgaatctggt	tcactcaatg	gattgtaaag	2160
aaggctccta	aatttgagtt	gtttgcta	catttcattt	gcatcattag	ggtatcctta	2220
aactgatttt	ctattacaat	tggagtgga	gaatatgtgc	atctacacta	aaaaaatggt	2280
taagatatca	aaaacctctc	ctcgtgcttc	aaaatgacag	gaatcctgtg	cattatacta	2340
agaattacat	gccataagat	gactgacttc	agaaatccta	cttcagaagt	gtaataaatg	2400
gatgaggaaa	tcgtttgatg	gggaaaagtc	tcttgtaagt	aaaagtagtc	aaattcaa	2460
ggcaaaaaaa	aaa					2473

<210> 5616  
 <211> 1894  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1895)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (51)...(689)  
 <223> similar to gi5566244 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5616						
cctcctgaga	gttcgcgggc	ccgggcccac	tgggnntggt	ccaaggggtc	atgcagaaat	60
acagcagcag	cttggtcaag	acctcccagc	tggcgccctgc	ggaccocctg	ataaaggcca	120
tcaaggatgg	cgactgaaga	ggccttgaag	accatgatca	aggaaaggga	gaatctcgca	180
gagcccaaca	aggagggctg	gctgccgctg	cacgaggccg	catactatgg	ccaggtgggc	240
tgcttgaaag	tcctgcagcg	agcgtaccca	agggaccatc	gaccagcgca	ccctgcagga	300
ggaaacaagc	cgtttacttt	ggcaacgtgc	agggggcanc	ttggactgtc	tcctgtcact	360
gtccaagca	ggggcagagc	cggacatctc	caacaaatcc	cgagagacac	cgctctacaa	420
agcctgtgag	cgcaagaacg	cggaggccgt	gaagattctt	ggtgcagcac	aacgcagaca	480
ccaaccaccg	ctgcaaccgc	ggctggaccg	ctctgcacga	gtctgtgtct	cgcaatgacc	540
tggaggtcat	gcagatcctg	gtgagcggag	gagccaaggt	ggaatccaag	aatgcctacg	600

gcacaccctt	gttcgtggcc	gcccagagt	gacagttgga	ggccttgagg	ttcttagcca	660
agtacggggc	tgacatcaac	acgcaggcca	gcgacaacgc	gtctgccctc	tacgaggcct	720
gcaagaatga	gcatgaggag	gtggtggagt	ttctgctgtc	acagggtgcc	gacgccaaca	780
agaccaacaa	ggacggcttg	ctcccgtgc	acatgcctc	caagaagggc	aactacagga	840
tcgtgcagat	gctgctgccg	gtgaccagcc	gcacgcgcac	acgccgtagc	ggcgtcagtc	900
cgtgcacct	ggcggccgag	cgcaaccacg	acgaggtgct	ggaggcgctg	ctgagcgcgc	960
gcttcgacgt	gaacacgccg	ctggcgccccg	agcgcgcgcg	cctctacgaa	gaccggcgca	1020
gctccgcgct	gtacttcgcg	gtggtcaaca	acaacgtgta	cgccaccgag	ctgctgctgc	1080
aacacggcgc	cgaccccaac	cgcgacgtca	tcagccctt	gctcgtggcc	atccgccacg	1140
gctgcctgcg	cacaatgcag	ctgctgctgg	accacggcgc	gaacatcgac	gcctatatcg	1200
ccacgcaccc	caccgccttc	cccgccacca	tcagtctgc	catgaagtgc	ctgtcgctgc	1260
tcaagttcct	catggacctg	ggctgcgacg	gcgagccctg	cttctcatgc	ctctacggca	1320
acggcccgc	cccgccggcc	ccgcagccct	ccagcaggtt	caacgacgcg	cccgcggccg	1380
acaaggagcc	cagcgtggtg	cagttctgtg	agttcgtatc	tgccccagag	gtgagccgct	1440
gggcggggcc	catcatcgat	gtcctcctgg	actacgtggg	caacgtgcag	ctctgctcgc	1500
ggctgaagga	acacatcgac	agctttgagg	actgggccgt	catcaaggag	aagaaccact	1560
tgttctggaa	aactcaccac	ttgacttcag	agctttctct	ccaaagacta	agatgaagac	1620
gtggcccaag	gtagggggta	gggggagcct	gggtcttgga	gggctttgtt	aagtattaat	1680
ataataaatg	ttacacatgt	gaaaaaaaaa	aaaaaggggg	ggccgtttta	aagaatcaag	1740
ttttatttcc	gggggctggc	aaggtaaaat	tttttttttg	gggcccccaa	aatcaatttc	1800
cgggcccggg	ttttaacaac	gtcgggaggg	gaaaaccccc	ggggttcccc	atttaattcg	1860
cttgagca	aannnnnnnn	ggtggannat	tcag			1894

<210> 5617

<211> 2699

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2700)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (452)...(1230)

<223> similar to gi5912212 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5617

gttttctcca	catggaaact	tattggcgct	tgctcacga	gacagaaccg	tgagactctg	60
gattcctgat	aagagaggaa	aattctcaga	atttaaagct	catacagctc	cagttcgaag	120
tggagacttt	tcacctgatg	gccagtttct	agctacagct	tctgaagaca	aatccataat	180
agtatggagc	atgtatcgcc	agcgcttctt	gtattccttg	gatcgacata	cacactgggt	240
acgctgtgcc	caatttncac	ccgatggaag	actaattgtg	tcatgtagt	aggataaaac	300
tattaaaatt	tgggatacca	caaataagca	atgtgttaat	aacttctcag	attccgttgg	360
atttgcaaat	tttgtggact	ttaaccctag	tggtacatgc	atagcttcag	caggttctga	420
tcaaactgtg	aaagtctggg	atgtaagagt	gaacaaatta	ctacagcatt	accaagttca	480
cagcgggtga	gttaattgca	tatcattcca	tccttcgggt	aactatctca	tcacagcttc	540
ttcagatggt	acccttaaga	ttctggacct	cttaaaagga	aggctcatct	atacacttca	600

aggacatacg	ggacctgtct	ttactgtttc	attttcaaaa	ggtggagagc	tatttgcac	660
aggaggtgca	gacacacagg	tcttattatg	gaggactaac	tttgatgaat	tgcattgtaa	720
aggtcttacc	aaaagaaatc	tcaaaagatt	acattttgat	tcaccaccac	atcttcttga	780
tatctaccca	agaacaccac	atccccatga	ggaaaaagtt	gagactgtag	aagatttttt	840
tcttcatctt	ttgagattaa	tccaaagctt	gaggtaatcg	atttgcagat	ctctactccc	900
cctgttatgg	atataccttc	ttttgattct	accacaacaa	cagaaaccag	tggtaggact	960
ctgccagaca	aggggtgaaga	ggcctgtgga	tatttcttga	acccttcctt	aatgtcacca	1020
gaatgtttgc	caacaaccac	gaaaaagaaa	acagaagaca	tgagtgcact	cccctgtgaa	1080
agtcaaagga	gcatacctct	cgctgtgact	gatgctttag	agcatattat	ggaacaactc	1140
aatgttttga	cacagactgt	ttcaatcttg	gagcagcgac	tgactttgac	agaggataag	1200
ctgaaagact	gccttgaaaa	tcagcaaaag	cttttcagtg	ctgtccaaca	gaaaagctga	1260
ataaaaaatt	catttttcatt	tggtgggcag	aggcccaata	aatgaacaaa	tgtacataca	1320
ctcaggaagg	tagtacaaga	tactccatac	aacacaacca	tgtgctattt	atcatggcat	1380
ttcttaaaag	ggtgagcaac	agaacaaaag	gcagaaaagg	catacctaag	gactaattta	1440
aacacatatc	aatgtgaagg	actaatttaa	attactatca	tttatgattg	cagtaataaa	1500
gtgataagca	ttcaagcaac	tctgtatttt	ccccatatta	ttttaaatgt	ccattttcat	1560
ttataggcca	aatcctgcc	ggaaagtaac	cagatctctg	gatttcactg	ttaagtcatt	1620
tcagattgac	catattcaga	cagtcatggg	gtgaaataat	tcacttacct	ccaaaatagc	1680
atcctatatg	ccaataatga	gttattgatc	tgactagtgt	tatgtctttc	tgttcaaaaat	1740
agaaattatc	ctttcttact	aatgccttga	aagaatgaac	aaataaaaaat	tcccagacca	1800
cagaatttcc	acagcaagaa	tacacttatt	ttaattaaca	atagcacaga	tatagcatag	1860
ggcagtgggt	tttttagtta	atztatggcg	tactttgttt	atccattggc	caacctgaag	1920
gaaatgaaac	tcacctatct	ttctatcaca	gatgaatgtg	ctagatgaat	gatttgggtt	1980
gtatctgatc	atgggttcaca	aaaattatgt	tagtgtgttt	tcagtatgct	aaaaagtcag	2040
agtgatataa	aagtgatatt	taaaaatata	cacacatgta	tgtacacatg	cttcagaaat	2100
attgttgctt	agggtgattt	gggcagctaa	atagtaagta	ctttttaaaa	tttttgcac	2160
atcatcttcc	tatttaatga	attgtgattt	aaaacaaaat	gaaaataagc	caggatttct	2220
aaaagatcct	ggatacaaat	taagaatttt	gctttatttt	aaaccaaatt	gagattaaat	2280
tgaagaaaag	caagcaaatt	aatttcagct	tgattatcaa	cctgtatcaa	gaacaaaaat	2340
gggaggaggt	gtccacattt	atgggtgtgta	taggtaacat	ggggaaaatg	ctattctgtg	2400
ttttggaaaa	gaagaaatag	tgccgtccta	tttattttcta	tatttagaaa	tttttctcaa	2460
agaaatttca	attgtatcta	tgagatgggt	ttctaagtat	cttattgtgt	gttataagtg	2520
ccttttaata	tcatactaag	tgtgagcttc	tggacatttt	caagagctta	caaaaactaa	2580
gtggcattgt	atttttataa	ccccattgag	aagactaagt	aagaaatgaa	atgtcctatc	2640
aattttattt	tgtcatgctt	caaacaataa	agacatttct	gctttaaaag	aaaaaaaaaa	2699

<210> 5618

<211> 1607

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1309)...(472)

<223> similar to gill50426 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5618

ttaaagaaaa	tactttatta	tgtcatgaaa	aaaaaggcct	caaccaacta	gattcatact	60
tgatttgaaa	aaaaaatgga	aaatttatta	attagacagt	atgtgggcat	cctgttccac	120

atgggaatga	gaagatgcta	taggttctct	aagtattgca	cagtctgaaa	aaataacaaa	180
aaaaggaag	gggaggaaaa	aaaaaatcac	atgatattgg	gaaccatctc	acattatgaa	240
taatctacca	agaaacattt	aaaaaagaaa	accctttggt	tctacagtag	ctttaagttt	300
atagttcttg	gaatgactgt	attccattga	agacatctca	gtaacaggaa	gctgttttag	360
caatcccatg	tgcaaatatt	aataaaaaat	atataaaata	atgcaattca	tctcttgctt	420
tcaccccggc	aatcatgaca	tttctgagaa	ctgttttgct	tgaaaatggg	ttaagctgta	480
agttttgcct	gaagctccat	ctctgcagcc	cgtttgagtg	caacatccac	tagaagctga	540
aatccactga	agtcttggtt	gaggtccggt	ggagtagggg	gaggagtgtt	gaaaagacca	600
ctctgtgtat	tcgtaacttg	tccagatcta	caagtgtccc	tctgggtaac	atgaaaagag	660
gtgtcctgtg	aaagtttttg	gcccgcctat	ctgcctgtaa	tatctgtgtt	ttgtccccac	720
accgaccgac	tggcagagag	agaaaggagc	aatctttcaa	tggcagtcac	agtggtatgg	780
cagatcactg	atggacgagc	caaaactgat	ccccagggat	gaccggctta	ggagacagtg	840
gccctcccta	gggttgggtt	ttggccccag	ctgtacagga	atgaaatggg	gtctcctcta	900
gagctggcat	gaagtttttg	atgcccatca	cggactccac	agagctcggt	tcagaaatct	960
tggccccacg	gcgggaaatt	gtgaactgat	ttggatcttt	gccatccttt	ctcagcatgt	1020
cagggaggag	cctgcggcgg	gcgttgatga	accagttaca	gacctgtagc	gtagacaggt	1080
gtgtttgctg	ggacagcaac	gctttttctt	gctctgaagg	ataggcattg	taacggtgct	1140
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ggcttccctc	cgccgggata	ttctggcagc	cggccggggg	ctctccctcg	cccaactctc	1560
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<210> 5619

<211> 1529

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1519)...(728)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5619

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tagtggtata	taacattgat	ttgcttgaat	atgttgaacc	atccttgcac	cccagaaata	480
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gggatcttca	agaagttctg	gaaaaataca	tattatgaga	aaattgtgca	tgaatttcac	600
aatttttgca	ccaaaataaa	ctagtgtctg	tctgttataa	catgtctgaa	caggctctag	660
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<210> 5620

<211> 4494

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4482)...(3139)

<223> similar to gi4240263 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5620

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tcttttttagc	ttagttttta	agagacaagt	gttatcctct	ggccatctct	tattcaataa	420
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<210> 5621  
 <211> 1719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (412)...(286)  
 <223> similar to gi3249110 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5621

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<210> 5622  
 <211> 5769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (344)...(2898)



<223> similar to gi5689541 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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aaaaaaaaa						5769

<210> 5623  
 <211> 2478  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2479)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1900)...(889)  
 <223> similar to gi5262615 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5623

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tcctccaggt	cacctgccag	gtggatgcac	ttccttgggc	aatgggtgac	cctcccagga	240
caaggggaac	cagcagggac	tcgatggcac	cacacagcag	ccacctgttc	tgacaatgtg	300
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tcagagcaac	aggcagaagt	gactgtgccg	cccgtaggct	gtcatccacc	ggtggctact	420
gtgtcattct	ggaaaaacta	tgatgccatg	agactctgag	aaaccgaatc	actgcagaga	480
caaactcata	aaaattaaaa	ccaatccata	aaattgtatc	tagaaactct	gtccctgggtg	540
ccaataagca	gcaaagtcaa	caaagagtaa	aaactaaaac	ttcaacacat	tattaaag	600
caaaactgga	ctcaactaca	atcacttctg	gttagtccac	tagtgaaccc	aaaagtgact	660
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tctcttacag	ctagtgccaa	acttgcattc	cccctgtaaa	aaatactggc	agatatggag	2400
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cgggccgggt	ccgaacgg					2478

<210> 5624  
 <211> 4287  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (191)...(3290)  
 <223> similar to gi3882213 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 ctgtctttga aggaacggtt cgcaacgttt cctgaaagtc ctcggttgaa gtattttatg 180  
 cctcctcagc ccttggtgtg tccaatttgg gaagccagtt gtttccatcc tgagttccag 240  
 aagtaggcat tccccgtgta caaaaaaagg gtgggaagga atgaggaaac atcttcacac 300  
 caggcagga cacaatatag tacatgtgga aatttccaag gcattatggg ttacagaga 360  
 tgattatttc atcagacatt ccatctctgt atctgcagt atagtacgcg cctggattac 420  
 tcacaaatac aggggcagag actggaatgt taaatgggag gaaaacttgc tccatgctgt 480  
 agcaaagaat tataccctcc tgcagacat cccgcctttt gaacgccctt tcaaagatca 540  
 tcaagtgtgc cttgagtggg acatgggtta tatttggaaac cttcgggcaa acaggattcc 600  
 acagtgtcct ctggaaaatg atgtggttgc cctgcttggc tttccttatg cctccagtgg 660  
 agaaaacaca ggcattgtca agaagttccc gaggtttcgg aaccgagagc tggaggccac 720  
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<210> 5625

<211> 4593

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (89)...(4021)

<223> similar to gi559703 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5625

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tcccttgctt	ccactaaatc	cagttgtgac	aaaatctaac	gtgacatcag	atcgaaaggt	4560
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<210> 5626

<211> 1635

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (465)...(229)

<223> similar to gil296427 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5626

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gaaatgtgac	tgtcagaaaa	tttaaagtaa	catatgtggc	tcacactatt	tctgtgggac	180
agccctgcct	ctagctaggg	gctttggtga	gaaccagatg	agttgatggg	tctcctctgg	240
gccctgcttc	cctggctgct	gaggtgcagg	aactgtgagg	ggagggcagc	ctgtcacggg	300
gccaacaca	gggcagggct	ggacaggtag	aagtggaaac	ggcggataag	ctgggaaggg	360
cacagagaaa	aggagctcct	cgtgacagca	ctttccacc	ttttattatt	caacacatgg	420
aagggggtgg	agacacaagg	atagggcaat	ggtgagtttc	aataaataag	agaaacagga	480
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gggcagggcc	gcagtgtcct	tagactagac	cgccctcag	atgaccaggt	tgtctcact	1560
tagccggacc	acatagcggg	tctcctcggc	cttgttctct	gctgggggct	tcagccactt	1620
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<210> 5627

<211> 4368

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(4369)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (3700)...(1904)

<223> similar to gi3882187 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5627

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ataaaacaag	taaaaactga	tttatcaatc	ttcacataga	actgcagatg	aagctgaaaa	180
acaaggccta	ttttaaaaaa	aaattggatc	aaacgtaagg	gctttggggtc	tatggtttaa	240
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ttacagtggg	tggtagtcta	tattatcttc	catcctttgc	tctatttcag	cacttccctt	420
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tttttcttga	tttcagttat	atacattcct	gatcatctga	atattttcct	tacaaaaata	540
tatcatcaaa	ataaagagat	gcttgagggt	gcttcagtg	tcaagtttgc	ttgttttttt	600
ttccagcttt	tcttcagttg	tcctaaatat	ggctagcctt	gttttataaa	tacacatgat	660
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tccaaaaaaa	gggctgtagg	tactgtctgt	gttgtctggt	ttgagactgt	actttcccaa	780
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ctcatctctt	ctgtccaagc	attttctgta	aaagaaagaa	aaacggacgc	gtggntcnnc	4320
ccgggnnttg	gcnagaccac	gttgcnctaa	gttcaaggcc	ctggctcc		4368

<210> 5628

<211> 2410

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (373)...(2244)

<223> similar to gi3560144 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5628

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acccacaca	aggaggatct	aagcagcaag	attaaagaac	aaaaaattgt	ggtggatgaa	180
ctttctaacc	ttaagaagaa	taggaaagta	tataggcaac	aacagaacag	caatatattc	240
tttcttgcat	accgaacaga	aatgctgtct	gagagcaaga	atatattgga	tgaactgaaa	300
aaagaatacc	aagaaataga	aaacttagac	aagaccaaaa	tcaagaaata	gtcaacctga	360
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<210> 5629  
 <211> 2102  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1760)...(663)  
 <223> similar to gi4406590 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 5629
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<210> 5630  
 <211> 4790  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4607)...(903)  
 <223> similar to gi5912263 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5630

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<210> 5631

<211> 4079

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (248)...(3126)

<223> similar to gi6002669 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5631

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<210> 5632

<211> 2276

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (116)...(15)

<223> similar to gi5080758 in the genepept database release 114,  
Run with FASTXY.3.3t00, default parameters

<400> 5632

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gtgagaaacc	ctatacatgt	gtccagtgtg	gtaaagactt	tagatgtcct	tcacaactta	1920
ctcaacatac	aaggcttcat	aattgagaaa	gccttgaatg	tgattaaatt	taagaaaatc	1980
ttcatctatt	tcatatctat	aatgaatgta	gaacatcttg	cttctgctca	gaactgctca	2040
ttcttagaag	gcctacttaa	catggatgca	gaataatttc	agaaaccctt	taaataattc	2100
cttaacatct	ctataaacgc	tagaatataa	tgctgaatta	tatcctttat	taagcatcat	2160
ctccatttca	ccatatacta	actgaaaccc	tatatatttc	ttgtgtgttc	ttttctatct	2220
gtaaatactg	taattgtatt	acatgactaa	attatattaa	tactataatt	ccccgg	2276

<210> 5633

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (292)...(12)

<223> similar to gi809078 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5633

taatctatga	aatttcgggt	ttaaaaaatg	tgtaagtct	ttgttttttg	cctatcaggt	60
ggtttataaa	gaagaatgtt	gaatgagcta	ttgagaaggc	tgtgtatccc	gatgttggtg	120
aggagtgttc	tctatacctt	cattagaaat	tattgttttt	gactgccttt	tagtcctctg	180
ttcccttact	aatatcatct	tgttttatta	ttattacaga	aagtggggta	ttgaaatatc	240
ctactataat	tatattgctc	tattcaactt	tgtagtatt	tgctttatat	atttgaaacc	300
ccaatttgag	acacacacac	gcacaaatac	acacatggat	aaacaaattt	gtcataggtt	360
tccatgaatt	aatctatata	ttgtttaatg	tccttccttt	ttgaagtgtt	aacttaaagt	420
acattttata	aaatatgaca	gcttttgact	ttaacaatgt	agcttgtgta	atattatttt	480
gacctcttct	gctctcattt	tgtagtatt	tacatgaaat	ttctacttgg	tcttgccact	540
ttcagtcttt	tcctatcatt	agatctcagc	tgactcttgt	aaaaaggcaa	gttgagtctt	600
gattttttaa	attttttaat	gagccttttt	agaagtatgt	ctcttgattg	gaaagataat	660
tatattttaa	tagttttctg	aaagagaaaa	acttactgtt	aataaaataa	ttgtttcgct	720
tcttgatctc	ccgtgtctta	atttctcctt	tataagtgtt	ttttataaat	gtgttgacat	780
gctttgagct	ttttt					795

<210> 5634

<211> 4570

<212> DNA

<213> Homo sapiens



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<220>
<221> misc_feature
<222> (1)...(4571)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4545)...(329)
<223> similar to gi36110 in the genepept database release 114,
      Run with FASTXY.3.3t00, default parameters

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```

<400> 5634
tttttttttt ttgtacaaat ttgtgcttta atagtcattt gttcctttat tggttcaagg      60
gtcagtgttg gtgtggtcac tgctgagtc actgtgccc gaagacaggg tccacagcag      120
gcactccata aatacatgtt gcaggactgc cctcactggc tcaactctgt gagtgaggga      180
cctaattgggc cccattttacc tattgcctct gaaagttaaa gggcaggaac aaggtggagg      240
gccactgccc tctggcctgg catggcccag aggcagcttg gggtagctc aaggcagcta      300
agcagggtcca gcccagaagac taagtcaagt gggccgagga ggctctgaga gtggccgggg      360
cccngcgtag aattccctgg catgggggtga gaacgggggc tgttctggac gcacattcca      420
tctcatgcga gctgctgggg cccaagttcc atgtagggtt gctggcagct gcacataatg      480
gggtcccaag gaagtgagga cactatctgc tccacctccc ccactagta cttctgaagg      540
tggttcgcac ttgtgggtc tgctcccag cattgctgca tcaacttggt cagagaatca      600
aggcaatact caggctgggg caggcgccga ccctggggcc cagaaagtgg gtaaggtcaa      660
aagggtcaat gtggcggtat ggtggggcac cccgtgtcag cagttcccac agcagcacac      720
caaatgacca cacatcagac ttggtggtaa atctataggt ctgcaggctc tccagcgcca      780
tccacttcac aggtaggcga gcgtggcgat gctgttgaac actatagtag tccctgtcca      840
ggatgtcgcg ggccaaacca aagtcagcca ccttgactgt gaatgactcg tccagcatgc      900
agttccgcgc agccagggtcc ctgtgcacaa acttctgctc tgccaggtag tccatgccgc      960
gggctacctg caggccaaag ctgatgaggt ccttcacggt ggggttccgc tgagggtgagc     1020
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cagggtggca catgatacca atgagagcca gcacattcgg gtggttcagg ccacgcagta     1140
gcagcccctc tcgcaggaag gcctccacct gctgcactc tgtagtgca cttagttagt     1200
tgatggcaca ttgattcga ttctgggcct ggtctatgta ttctccgtgg tagacaactc     1260
caaagtggcc tcagccaatg actcggtcac tgtgggtgac caccgcgtca tggggaatca     1320
gcaacatcct tgacctcaag ccaagagcgc agagtccagg tcccttagct ggatggactc     1380
ttccgcagc agtggcacac aggtatcatc ttcactatcg gagaaggatg ctccatggac     1440
acaagtgggtg gaatccagac catcaatggc atggagtga aggccacttc ttagtcaga     1500
gcccagtagc agaataggca ggggtgtggc tccagcagtc tgggtccagg atgccaggtc     1560
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agtcgccagt gcagccacaa gcagcagcaa aggcagcagg ataccaagga gcgtgctctg     1680
tggtacccca tctggccctg gccgcaccac tctaccagg atatgacatt caccatctac     1740
gcagacctgc aatggggcac catcctggcc aagctgcagg gatgggggca gggggcagac     1800
aaecatgtcc ccccggaact cgtgctggca gctctacca cccacggtca cgttgatacc     1860
cacacagtca gccacagcgc ccagcccaat atactcaaac ttaatggcat gctcctcagg     1920
cttcagtggg actaggttgg cactgggtgg atgggggtgg ggtaggaagc gaaagccagg     1980
cagtgtaaag ccagcagctc catcccctcg ggcactcaga ttccctgcca cccatccctg     2040
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acacctgctt tccactgccc taagcccgtc atggaatgac agcactaagt gccatgctga     2160
agttagatgc tggccacaga tggtagtgat ggagttgatg tagccacagt tggggctgat     2220
gcttagcacg acagggtctt ctctgtactg gaagggtccag gaaccaggta cctgggcacc     2280
ccccacctgc aggttaaggg ggacactggc caccgtggcc ccaggggggtg tggcacataa     2340
aagctgcccc tcaactgacc gtgctagcag aactcagtc ccattgacca gcacagcccg     2400
gctggtgcct acagacagac tctggccttc aagagtgaga cagggtgctc ctgcccgtgg     2460

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gccaaagagg	ggttgactg	ctatcagcac	tggctccatg	aaagagaagc	ctctcagcac	2520
ggaggtgccg	tctacccgga	agtgttgcc	cgggtggcatg	ttagtcacgg	tgaggctgac	2580
ggttgtaggc	cccactgcct	gggtgcccaa	gggtccaggt	tcacactcaa	actcctctac	2640
aaagtctttc	cggggcactg	gtctgagttt	tgagctgtcc	ttgggcagtg	gccggcaggg	2700
actttggccc	acagtgcact	gatgggttcc	ctcaggcacc	agaccagaag	ggtgaaggta	2760
gaagttggag	ccacacaggg	tcagccttgt	actgcccctt	agaggtccac	tgtgggggtg	2820
gaactcagta	agcttaggtg	ggcagtggtc	ctggtgccag	gagccaggac	actccttctg	2880
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cccacaggtc	aggaagtggc	ggcagccagg	gcctcggata	ggtacctgga	aaacctggtc	3000
cccagaggca	aagagtaggt	ggtccccaag	acgactgaca	tcccgtgca	cgggctgccc	3060
actgtcacc	agtgagaagt	tggacacata	cagcaagtag	tttagtgacc	tgaccagctc	3120
cacctgcagg	atagcccat	ccattgtgcc	catgtgtgcc	actgtgacgt	tgtcaaggcg	3180
tgtcacatac	aatgcagtga	cctgtactgg	tcccaacagc	ccattgaata	ggtccacacg	3240
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ttccaggcca	ggcgggttgg	ggcaaaaact	gggcgactgg	agaagtcga	ggcctcgccg	3360
gaggcctgga	tggactgggg	attcacaaca	gcgtccaca	ccctcatcaa	ttagtgtgtc	3420
cagcaggtca	atggggaagg	cacagacgac	agagttgggg	cccacgccag	gaccaccatc	3480
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actaggatca	tctgtcacgc	tggccggctg	tacagtcagg	aagtatacga	aggctcccgt	3780
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cagcaacagg	aaggactgag	gcagcggcgg	gaggagctcc	atcgaggcga	gctgggaccc	4560
tagaggatcc						4570

<210> 5635

<211> 1949

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1813)...(335).

<223> similar to gi4309889 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5635

tttttttttt ttaaaaaactt ttaacaattt attagtctta ttttccagta aaatattcac

60

agagatgtca	aaagaatgag	atgggtgagcg	atatagccaa	ctaccttta	ttaattccac	120
ataaatagtt	aagatctaaa	aacctcagat	gagcagaccg	agtcgaaatg	tgattcttca	180
aagcaagtat	tgctttaccc	tgtgtcctgg	aatgcagtcc	gtcgatatga	ccactaactt	240
gcatgtgacc	aaatgtttgg	agagtgtttt	ttaggatatg	gctctcgggt	gaggccggtc	300
atcccgtcaa	tccaaggaag	gaaggatgtt	gttggaaactg	cggttggcac	caaggtttct	360
tggaacctctt	tcattttact	tccaatcagg	gtttggcatt	ttttttggat	ttcaaaatta	420
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ggtcaccgag	gaatcttcat	ttaaatccgg	gtgcacggaa	gtgagcggac	acgctggggc	600
gttttctca	tgtgaactgt	gctcttctcg	gcgagattca	tgtggttgaa	gtagataaac	660
ttaaactggg	gttcctttcc	tcagaccccc	gaacatcccc	cttggtgatg	ttaaaactgt	720
tccacaagat	gtccagaggc	ccagccactg	tgaagctggg	gccccaacga	tgctgtccca	780
gtccttcggc	aaaaaaccga	acgttgggtg	gacagaggcg	tcgatcataa	agcacacagc	840
cgcactcatg	gccttataaa	cggattaaat	ggagctcttc	ataagtgtca	tctgtattta	900
caaaaatttt	ggggaatctg	cattttgcat	ctggatcatt	gaggttcaag	ggcccggtaa	960
gaaatcttcc	atagtgttga	agatttctctg	gcatttctgc	tcttattgga	gaatcccttc	1020
ctgctaactc	aggttcggat	gtgccttggg	aaaagggagg	tggttaaggta	tttgtataaa	1080
attctcatgt	catcttggtc	taatccactc	cagatgagct	gatcgttata	gagaaaagca	1140
gtgtatttga	ctatatccag	gctttcctcc	attcgtatta	ataaaggact	ggattttcaa	1200
ataagtcatt	ttatccaacg	ggaagaagct	gattccacca	aaaatgtcaa	gtaggtcaca	1260
tgactgcaaa	tgtagcggtt	gcaaataccg	atggaagaat	ttctctaata	tttctttcag	1320
aagcttgacg	cctccgtctt	ccatggcttt	caggaaatgt	accattaaaa	agcttgatca	1380
tgctgtagca	ctgccgcagc	accgagctat	aaaccttgtc	caacaactcc	tcctcttgga	1440
tattcaataa	ctgggttttc	atctttactc	tggttttcaa	ttataggaca	ccgaacaacc	1500
atgaccatcc	aagaaatttt	cttctgggtc	aattgaagaa	ctgtctgttc	ttctgtgtat	1560
gtaaagattt	tgacggtttt	gatgggctaa	atgtccttgt	aaactgtaca	atagcttcac	1620
acaatccgac	atttctaata	ttctcattct	tttctacctc	atttggtatg	taaaataaaa	1680
tcttattttc	ctcctgtcct	tcgcgcggcc	cgaagcgcgg	gttgtagatg	aagaaactca	1740
gcagcgcggg	cgggaactgc	ttctcctggg	ccgcccaggg	cccgtctccg	gccccggccg	1800
tcgctgcgct	gcagccatcc	tgccccggcc	cccacctcag	gaagcctccc	acggcccgcg	1860
cagagaccga	gaaaatctct	taatttcagt	ggaactcagt	ttgtttctct	ttttaaacat	1920
tgccagttat	aaatgtattt	tatttttaa				1949

<210> 5636

<211> 947

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (290)...(191)

<223> similar to gi2276308 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5636

attctatccc	ggtccacagt	ttaggaacca	tggacaaaag	tccaaggacc	agaggcatgg	60
agttttcatt	agaaggttct	gaattcatct	aatggctggg	tatttttaca	gatgccaaat	120
ttacaaaaca	tacaagtga	cagacagggtg	tgggaggtag	ctcgaaatat	acagagtgtt	180
cgcaacacta	gagacgtctt	ctggctgcc	tcaggggact	cggaggtagg	gtaggcttgg	240
tgaggcccg	ggcttgtgtc	cgtggcacag	cctcctgcaa	aggggctgcc	ctgctcccct	300

gttcccatgg	tgccaggccg	tgctccccag	gtgcctccgg	ggtgctgaag	atcttttcat	360
agtactcgat	cagcagttca	gtgaacatgt	tcaggggcac	aagggcactc	agggaggaga	420
ccccctggga	tggccagatc	aaattcagcc	cgaagacaca	ggccaggtta	gagctgttca	480
ttttgttgaa	gatgctctcc	cgggacaccg	catgcaggaa	gcccagagg	tagcggagga	540
cgacgtagtt	gtgctctggg	aggctccgta	agatctggcg	gcagccagt	acacgcaggc	600
tgctctccac	acctggaagg	gcatggggct	ccctgctgag	ctccagaggg	gccaggggca	660
gcgaggtgat	cccgagaatc	tgctcgtagg	cctggaaggt	cagaagcggc	tggggcagct	720
ctcgaggaa	ggtcttcagg	atcacggcag	ggatgtgaat	gtccccgtag	tcgtcaaagt	780
tcacgggctt	cccttggttg	tagagcctct	ggatctcgcg	gacggtctgc	acgctggcgg	840
atctccggaa	caggccctcg	gtgcgcaggc	ctttctctct	caggtacgtc	actgtgaacc	900
tcagcacagg	ggggatgagt	tcgccttgat	ttttgtcttt	gaggtat		947

<210> 5637

<211> 1749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1713)...(331)

<223> similar to gi38262 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5637

caattttctga	atagcaactg	gaatattcaa	ccaacaatgg	tcattggctcag	ttttgtattt	60
tttccttaac	ttatatactt	cattctttcc	aactatttta	aagctaaatc	ttttttaaaa	120
aagttttaaa	aataagtcac	aggcaaata	tgaagagttg	ggtttatttc	aacagtaaat	180
ctgaaactct	tgccttaagc	aagagtacta	cagtaattat	atcaggaata	gacaatttcc	240
tacactgtca	aatatataaa	agttcctttt	gcactttctt	caacactgat	caacaagcag	300
attcagtgcca	catttgcttt	gatctaacta	ctgagttaac	ccaagcttct	tcttcagaga	360
ctctggcatc	tcgggtggag	gagggcgagg	aagtctgaag	tagaccttca	cggagtcata	420
gataaaccac	tgtagtgcag	tcaggggtacc	aatcatgatg	atacgggcaa	acagtcctct	480
ccatacacct	ttaaatccaa	gtctcttgag	gaccagagaa	gcactgctac	ctttttcttt	540
attcaacaca	gataccacag	aatcagcagg	gtgagaaaca	attgcacaaa	agactccagc	600
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catgggtgat	ggtatctgtc	tcattccagag	aggagcaacc	cccttgtaga	atgcttttag	780
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aagcatattg	cctatacaag	cctttaaaga	cttcataaaa	gccaaacttg	cagagtcctt	1020
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ccccaccaa	gccacacagt	gcataatact	tcgcggagcc	aaattcacia	ctgtactctg	1260
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taaccagatc	tagaggaacc	aatgctgtat	gtgttggtgc	acagctaata	attcctccaa	1500
gtccacaaag	gataaagaat	ctgccagatc	catagtcaca	gctatactgc	tcttccacgg	1560

cggcggctgc	caggttgcca	gggcggcggg	gctggcccgt	gggccctggg	gagctgctgc	1620
ggaggtcccc	gagaccatcg	tgcaccagct	gcagatgtgg	cgtgttgaag	gggttcgccc	1680
gcgccaggtg	cgccacggac	gagaacatct	tttccttaag	atggcgatca	cacaaccact	1740
cccttgaa						1749

<210> 5638

<211> 1600

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1582)...(1283)

<223> similar to gil419759 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5638

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gttgacgcta	ggccagcggc	tcggcgggtg	gatcgtcagc	gctgactcca	tgcaggtcta	180
tgaaggccta	gacatcatca	ccaacaaggt	ttctgcccaa	gagcagagaa	tctgccggca	240
ccacatgac	agctttgtgg	atcctcttgt	gaccaattac	acagtgggtg	acttcagaaa	300
tagagcaact	gctctgattg	aagatatatt	tgcccagagc	aaaattccta	ttgttgtggg	360
aggaaccaat	tattacattg	aatctctgct	ctggaaagt	cttgtcaata	ccaagcccca	420
ggagatgggc	actgagaaag	tgattgaccg	aaaagtggag	cttgaaaagg	aggatggtct	480
tgtacttcac	aaacgcctaa	gccaggtgga	cccagaaatg	gctgccaagc	tgcattccaca	540
tgacaaacgc	aaagtggcca	ggagcttgca	agtttttgaa	gaaacaggaa	tctctcatag	600
tgaatttctc	catcgtcaac	atacgggaag	agggtggtgg	ccccttggag	gtcctctgaa	660
gttctctaac	ccttgcatcc	tttggttcca	tgctgaccag	ttctagatga	gcgcttggat	720
aagagggtgg	atgacatgct	tgctgctggg	ctcttggagg	aactaagaga	ttttcacaga	780
cgctataatc	agaagaatgt	ttcggaat	agccaggact	atcaacatgg	tattcttccaa	840
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<210> 5639

<211> 4405  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(4406)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (4312)...(2392)  
 <223> similar to gi30866 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5639

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<210> 5640

<211> 7027

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (70)...(2426)

<223> similar to gi4688902 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5640

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ttttggatat	taaacaggga	aagcttgcta	cattataaag	attgttggca	ccattttatt	6660
tacacaaagg	ctaaagggtta	acttttggaa	atgatgagct	acttttatat	atgtgtttac	6720
tcatgctttg	tgatatttct	ggatcattcc	agtcataaag	acttattaca	tgtactattt	6780
cttgctacct	gtgaaaagggt	atatttttaa	gaatgtataa	ccaacagtcc	atttactttt	6840
tattagtatg	tagaggattt	gtatctaatt	catgaatgta	gttttacagt	agtttgcac	6900

tgtaaattgga	gcaaagtaca	ttatcttcta	aaatgtacat	tatgtaagaa	ttgtaaatat	6960
acttaagtaa	tttgtatgcc	aaaaaattac	aataagtcaa	taaagatctc	acctctgaaa	7020
aaaaaaa						7027

<210> 5641  
 <211> 3844  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3845)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (893)...(3611)  
 <223> similar to gi3413882 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5641						
aaaaacggac	cctcattaac	agaagcactg	gaaaacgctg	gaattttcta	tgaagcacia	60
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ttaaagaaga	agttggatca	attgaagtca	acccttccag	atcctgaaga	atcaccagtt	180
ccttcccaa	gcatggacgc	tcctccccg	actggttctg	agtctccttt	tcagggaatg	240
ggaggtgagg	aatcccagtc	accaaccatg	gagagtgaga	aatctgccac	acctgaacct	300
gtgacagata	atcgtgatgt	ggaagacatg	gaactctcag	atgtggaaga	tgatgggtca	360
aaaatcattg	tcgaggacag	gaaggaaaaa	cctgcagaga	agtcagctgt	atccacttct	420
gtacctacaa	agccaacaga	aaatatctca	aaggcctctt	catgtacccc	agtgcctgtg	480
accatgacag	caactccacc	tcttccaaag	cctgtgaata	cttctctttc	cccttcccca	540
gcattggcct	tgccaaacct	ggctaattgt	gatctggcaa	agatcagttc	catccttagc	600
agtttaacat	cagtcatgaa	aaatactggg	gtcagtcctg	catcaagacc	ttctccagga	660
acgccacca	gcaacagcat	cctcaccagt	ggcctgaaaa	cacctgcacc	tgccacgaca	720
acatctcaca	accctctggc	aaatatcttc	tccaaggtgg	agatcacccc	agagagcatt	780
catgtctgca	ctttccaaaa	cccagacaca	gtcagccctt	gcactgcaag	gcctgtcatc	840
ttactttcag	agtgttactg	ggaaccctgt	tccagccagt	gaagctgcct	cacagagcac	900
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tgcccaacct	tttattccca	aaagcttcaa	ctattctcct	aactcatcaa	cttctgaagt	1020
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cccacctact	gaagttacca	tctgccaatc	ttcagaggtc	tccaagccaa	agctgggagt	1200
cagagtccac	ctccccaaag	ctgggaaatg	aagattcaca	acttcttaaa	aggtaatcct	1260
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cagaagcagt	accagactc	tcctcaccca	gtccacatc	gttccctttt	ctctccgcag	2160
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aagccctcag	atgataagca	ttttggccag	gtcccagca	agggcactcc	aagtgatggt	2340
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gaagaaaagg	gggcccctat	agaaaccttg	ggttatcaca	gtgcatccaa	taggaggatg	2520
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catgggcgtg	aggcttcaag	ggtgggttgg	tttgatctga	gcacatcagg	tagctctttt	2640
gacaatggcc	cttcaagtgc	ctctgagttg	gcateccctg	gggggtggggg	cagcggaggc	2700
ctcactggct	ttaaaacagc	accatacaag	gaacgggcac	ctcaatttca	ggagagtgtc	2760
ggcagctttc	gttccaacag	tttcaactca	acatttgagc	atcatcttcc	cccatcccc	2820
ttggaacatg	ggacaccctt	ccagagagag	ccagtggggc	catcatctgc	cccacctgtc	2880
cctcctaagg	atcatgggtg	tatcttctct	cgagatgcac	ccactcatct	accctctgtg	2940
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cctggagagc	acagtgggaat	tcctttccct	acccacctc	ctcctcccc	tcctggggaa	3060
catagcagca	gtggtgggag	tggtgtcccc	ttttctactc	cacccctcc	tcacccct	3120
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cccaggtact	gatggaaacc	aagggaaggg	cattttgaac	agtctagaga	acattggaag	3660
taggagtttg	gtttattgtt	gttggtttta	tttggtttct	ctttctcgat	ttttttttta	3720
ttataacaaa	gggcctctct	tccaaagtaa	gaaatcacat	acgcttacgt	tttactattc	3780
aattcaatcc	tccctcccat	tgcacttatc	taccttcccc	aagttggttg	tattaaaaaa	3840
aaaa						3844

<210> 5642

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (312)...(2)

<223> similar to gi4379237 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5642

tcataatac agtgaaacag cgtaatatcc tatagaccat ccaggtgatg aaggccatt

60

aggcctacat	tgtgacagag	aagagagggg	taacatcagt	ctggggccaga	cagtgaactt	120
ataatgttat	ctcttccaag	tgaatgcaaa	ccgtgtctga	gcctcctctc	tgatggggat	180
tggaaagaat	gcctttctcc	caggccagt	accacatata	agttccagag	gccctgctgt	240
cctgttgtac	taaggatacc	acgtctagca	cagcacctgg	actatggggt	acagcttggt	300
tâagtttatg	taaccacta	ccattcacca	taatccatct	ggcttctact	ggggccatat	360
tggtgaatta	aagtctctga	aagtagaact				390

<210> 5643  
 <211> 2152  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2153)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1405)...(912)  
 <223> similar to gi3874447 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	5643					
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agcctggggg	ctgaggaccc	cgaattgtgc	agggggcggg	gaagaaaaga	ggtgaaggca	120
aaaaggcagg	caatgcagag	acaccgtggc	ccaagcagag	ggggtgcaag	gcaggcacag	180
agcagggggc	ctgatggcgg	attggggagg	tggagaaccg	gtcagccctg	cctagacctt	240
gggactgggt	acaccacaaa	ctttgaaggg	ctgccctccc	ccaccaggaa	tggcacttgc	300
ccggggcacc	cttgtgggga	gggcccagct	cctccacctg	ccctgagccg	ggtccagctt	360
tcacaaaggc	ccctccaccc	aggacttccc	aacctatgcag	actcccgggtg	gagggcagga	420
agctggggtc	tggggcccag	ccgggacgtg	gaggtggggc	ctatgagggg	gcagatgaag	480
ttgttggtgg	ccctgggacc	ctgggcaagt	ccctaaggaa	cttccaggat	cccatagaag	540
ccctgagcc	agctaagaag	ggaaggaagc	agaacccaac	gaagcaggac	ggcgctccaa	600
cgaggcctgg	ccctcaaac	ctgctcctgt	cggggaagct	caggagcaga	taggcgaaaa	660
gcagggggac	ccacctgggg	ggagggggca	gcagacagag	cagccaggcg	ggcagcagag	720
cagggacacg	cacacacggc	tcaccaccag	cacccccttt	aataaaaacat	gggggggggg	780
tcatgtgaca	ggaagaaggg	ggtgaaatag	gaccatttta	caaccacaga	aaaacctctg	840
taacaatgtc	ctaacgccct	ggcaagaagg	gggcaaccag	ggcaaccaag	cgggctggaa	900
cccagcccta	ttttgtagag	gatatcgtag	tgtcccaggc	cggtagagaa	ggtagacctt	960
tgggctcgga	agccctcagg	gaaagatgtg	cggattgggtg	gttgccgccc	tcgnccgchg	1020
tcccatgtac	tcccaccctg	gatggacacg	ctgaaggccc	tgggcccagcg	caatgatgtg	1080
gatgtggtcg	ctctccttgc	acatgggctc	caccttctctg	cttggcagaa	ctccttgaca	1140
gtccgtccac	cctcgatgaa	gtgctcgaag	aacttgtctct	cgcgctgcag	gtagcccagag	1200
gtgagcagcc	gcaggtagac	cacaaggtag	tccgaggtgc	tctggtcatt	gaaggaggcc	1260
agcaggtcgg	cgacagaggt	ctgcttctcc	acctgtctca	tcaggtccat	gaacgtgttg	1320
tggaaatcct	caattgtgaa	ttcagtgaag	ccctgggaca	ccaggtcttc	cttgtctcttg	1380
gcagacacag	ccttgaacct	gggggtggga	tggaaaggcg	ggcccagcat	gggctcctcg	1440
accagcccag	acgccagggc	cgagacagca	ctgccccgcc	tggcaaggcc	agagtccagc	1500
ccatcgcccc	ggaaggaggg	agacacccta	ctcgagacac	atcctactcg	cccggggagg	1560

aggtagacac	ccacctgcct	cggtgcccag	tgcccaccct	tctcaccgct	gcaactcctt	1620
gctgtcatcc	agcagtgcct	ccaagtggga	gaatccgaaa	gcccgataga	aacagttgcc	1680
gtcaggcctg	gtcttgcgga	tgtacgagta	ctttttgtgg	aggtccttga	tcttctgttg	1740
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caccagaggg	ttctgcacag	caatctcttg	ctgaattcgg	tctgctgag	ccatgatggc	1860
ttcatcatag	gccagacagt	taacaccaga	aaaagtcgca	ggcctcaggg	acagatcccg	1920
caggccccctc	acatcccagg	gccgcctacg	acatcccga	tggcccgccc	ggacctttgt	1980
gctccgtagc	ccagcgaaac	tcgaggccct	cacggcgcg	gccgccgctg	gagcaggccg	2040
gggggctcgg	ccctggcgta	ggcctctctg	cctgactgca	aggacagggg	cgagagggct	2100
cggggccct	ggagccagga	gccgaggggt	tgggcagagg	gcggagacga	aa	2152

<210> 5644  
 <211> 2044  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2045)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1888)...(617)  
 <223> similar to gill150421 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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ataaccttaa	agggttattt
taaaataatc	tatggactac
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cattttgccc	tcattagctt
cagcatgggtg	tgacttctct
aataatatgc	ttagattaag
120	
caaggaaaag	atgcaaaacc
acttcgggggt	taatcagtga
aatatttttc	ccttcggttg
180	
ataccagata	cccccggtgt
tgcacgacta	tttttattct
gctaatttat	ggacaagtgt
240	
taaacaggaa	caaggaatta
ttccaacaag	ttatggcaac
atggtgctta	ttttcaaagt
300	
acagtttaat	gtctaggtgc
cagcctttga	tatagctatt
tttgtaagaa	catcctcctg
360	
gactttgggt	tagttaaatc
taaacttatt	taaggattaa
gtaggataac	gtgcattgat
420	
tttgctaaaa	gaatcaaggt
aataattact	taagctgatt
cctgaggggtg	ggtatgactt
480	
ccaagctgga	actccatcct
tgatcgggta	gggatttttt
aaatcccatt	tttggtaaaa
540	
ctatttccca	aggaaatttt
aaggcccttt	cacttcagga
aagaaaaaag	gttggtgggg
600	
ggctgaggca	ctttaatttt
cttgagcagg	gaagggagtt
tcttcccaaa	cttcacccat
660	
ctggggatac	tgggtgtttc
ttttacagga	ttcctccttt
aatttctggt	gagtagccgg
720	
gatccttggtg	aggcatgtag
gaagcccgt	ggatcatcac
gggatacttg	aaatgctcat
780	
gcagggtggtc	aacatactca
cacaccctat	tttcaaggct
tgcaaaaact	gatatgtagt
840	
caaataataat	cagggtgctgc
accagttcac	agaggccaac
tccaccagca	tgggggcaaa
900	
caggaatttc	aaactttttg
gccatcagca	atactgagag
gttctcattg	acactgccca
960	
gtctgcaact	gtcaatctgg
aggaactgca	gggccttcgc
ctgtaggagt	tgcttaata
1020	
tcactctatt	gtggcaactg
ttctccctgg	tgcaaatgcc
caattcccta	aatgggacca
1080	
gtgccttgga	aaatggtggc
gtgccccaaa	aatgtcaatc
aaggggaggt	tggctcctca
1140	
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ggccagcttg	gacatccact
ccaccgcctc	aggcacatcc
1200	
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catcaaagtc	ttttccggtc
caatcatgtc	tcggatgatt
1260	
tggcatcttc	gcatgtcatc
ctggagatca	gcacccacct
ttactttaaa	cctgggtccag
1320	

ccatccttca	gcgcctgggc	acagagctgc	ttcaacgtgt	catctgagta	ccccagccag	1380
gcgcacgatg	tcgtgtaagc	agggtatcct	tgtgccagca	tttgcttctc	tctttctttt	1440
ttaccaattt	gacctttctg	cagtatttct	agggcatacct	cctcagtcag	gacatcagtg	1500
atgtacctga	aatctatgca	ggataccagc	atcctgggat	ccatgtccac	aagtaacttc	1560
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gtcgccagggt	gcaccacgcc	cttttctgga	ccaatccatc	tgagctgccc	atcacttggtg	1680
agctgcctat	agaagcctct	gaagtcacca	acaatgtcct	tgaggctcctt	gttgagcaca	1740
tggtgggcca	gggcattcac	agcacagaca	acaacttcag	tgctttttcc	cagagtgaag	1800
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cgcacgtccc	ggaccgagag	ccgggagatc	ctgcgcgcca	ccatggcccc	tgcccccggt	1980
ggccgcggcc	cccgtgcggt	caggactggt	ggaattacnc	cgcactggac	tagtgttcat	2040
cgag						2044

<210> 5645

<211> 5154

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (296)...(5089)

<223> similar to gi5817151 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5645

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actaattgca	gataattaag	agaatatgcc	ttctgcatcc	tgtgatacac	tactggatga	180
catcgaagat	atcgtgtctc	aggaagcaca	gacaaggttg	tgtttgacag	agaaaggggc	240
tttcttggtg	agataaaata	gtctcttctc	gtattttctc	cctttctcct	tttttagttg	300
ctctgggaaa	ggaattctct	ctggatcatgc	agatggtacc	atcgttagggt	atttctttga	360
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tggaagagaa	ggtcacatgc	tacaaacttt	tgattatagc	cgtgaccctc	aggagcggga	540
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tgtgggcaca	ctatgtggtg	gggtggaaca	gtttgactgc	tgctccgaa	ggagtattta	780
caagaacaag	tttgagttga	cgtatgtggg	acctagccag	gtgattgtga	agaacctgtc	840
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cctaggaaaag	gaacgttact	tggtggctca	cacatcagaa	acactgctgc	tgggggacct	960
gaacactaat	cggcttagtg	agatagcctg	gcaaggatct	ggtggcaatg	agaagtattt	1020
ctttgaaaat	gagaatgtat	gcatgatctt	caatgccgga	gagctaacc	tggtggaata	1080
tggaataat	gacaccctgg	gttctgtacg	cactgaattc	atgaaccccc	acctcatcag	1140
tgttcgtatt	aatgagaggt	gtcagcgagg	aacagaagat	aataagaaat	tggcttatct	1200
tattgatatt	aagactattg	ctatagtgga	tctgattggt	ggctacaaca	ttggcaccgt	1260
cagccatgag	agccgtgtgg	attggctgga	acttaatgag	actggacaca	agctcctctt	1320
cagggaccgg	aaacttcgtt	tgcactctgta	tgatattgaa	agctgctcta	agacaatgat	1380
cctcaacttc	tgctcctata	tgcagtgggt	cccaggaagt	gacgtgctgg	tagctcagaa	1440

ccgaaacagt	ctgtgtgtat	ggtacaacat	tgaggcacct	gagagagtca	ccatgttcac	1500
tattaggggt	gatgttatag	gtctggagcg	gggcggggga	aagaccgagg	tgatggtgat	1560
ggaaggtgtg	actactgttg	cctacacatt	ggatgagggc	ctcatcgagt	ttggaacagc	1620
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cattgcggag	aggtgctttt	ctgctttggg	ccaagttagc	aaagctcgat	tcctgcatga	1800
gaccaatgag	attgcagatc	aagtatcccc	ggaatatggc	ggagaaggaa	cagactttta	1860
tcagggtccga	gcacgtctag	ccatgctgga	aaagaactac	aaactggctg	aaatgatctt	1920
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tgagtgtatc	gctgtggctg	aagccaaggg	gcacccagcc	ctggagaagc	tacgtcgtag	2040
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ccaaggggat	gggctagcag	ccatcagcct	ctacctcaaa	gctgggctcc	ctgccaagc	2160
tgctcggctg	gtgctgaccc	gagaggaact	gctagccaac	acagagctgg	tagaacacat	2220
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caattgctcc	tttgaatttg	cgtttgaaact	ctctcggtcg	gccctcaagc	acaaaacccc	3240
cgagggttcat	ctcaaatatg	ctatgttctt	ggaggatgag	ggtaaattcg	aagaggctga	3300
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gagtgcgcgt	ctgcgcctct	gcaaggacta	tgtgcccagc	cagctggagg	ctctgcagga	3600
agaatatgag	cgggaagcta	ctaagaaggg	ggccaggggt	gtggagggat	ttgtggaaca	3660
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gcgagactct	ggaaacagcg	gcctggcgga	gaagtgctgg	atgaaggcag	ctgaactctc	3780
catcaagttt	ctgctcccc	aacgtaatat	ggaagtcgtt	ctggtgtag	gaccccagct	3840
gattggaatt	ggaaagcaca	gtgcagctgc	agagctctat	ctgaatctgg	accttgtaa	3900
ggaagcaatc	gatgctttca	tcgagggtga	ggagtggaaac	aaggcgaagc	gtgtagctaa	3960
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aaacctgtgg	tgccaggctt	tctgtttcac	tcttgctca	cacccagcta	ctacctgtag	4560
acaaagcctt	ctatgaagca	ggcattgctg	ccaaggcagt	tggctgggat	aacatggcat	4620
tcactcttct	caatcgcttt	ttggacctga	ccgatgcaat	cgaggaaggg	actctagatg	4680
gccttgacca	ctctgatttt	caggatacag	acattccctt	tgagggtgcca	ctcccagcta	4740
agcagcatgt	accggaggct	gagagagaag	aggttcgaga	ctgggtgctt	acagtctcca	4800
tggaccagcg	gctggagcag	gttctgcctc	gggatgacgc	gtggcgcccta	cgaggcctcc	4860

ctagtggcag	cgagcactgg	tgttcgagcc	ctgccctgcc	ttattacagg	ataccccatt	4920
ctgaggaaca	aaattgaatt	taagcggcca	gggaaggctg	ctaacaagga	caactggaat	4980
aaattcctta	tggccatcaa	gacctccac	agcccagtgt	gccaggacgt	gctgaaattc	5040
atcagtcagt	ggtgtggagg	gctccccagc	accagctttt	cctttcagta	gttggtagag	5100
ctgaggaaga	gttagggcct	ctccctcatt	aaagttttat	aaataaaaaa	aaaa	5154

<210> 5646  
 <211> 1690  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1691)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1654)...(764)  
 <223> similar to gi563377 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5646	
gttttccaaa	60
ggggattaat	
ttgggggaacc	
ccccgggtttt	
tcccccccc	
ccgttttttaa	60
aacccggccc	120
cggaatttat	
ttttgggggc	
ccaaaaaaa	
aaaatttact	
ttcccccccc	120
cgggcggttaa	180
aattgggtcc	
tttaaaagg	
cccccccttt	
tttttttttt	
gtgggtgtta	180
gacatcaact	240
ctacatttat	
tgcagtcctt	
taagtctatg	
acggcggggc	
agccgctgac	240
agcatgcaga	300
gcaagttagg	
aaaaaccgag	
gccctgtggg	
aacagcaacg	
cgggctccag	300
ccaggctctc	360
gtcctcgag	
cctcccacaa	
gacctggggc	
tcagggcagc	
cgcttccccca	360
cccagcacag	420
cagcagagg	
gccctagagc	
ccccacagaa	
aggactgtcc	
cagcctcggg	420
agcaagagat	480
ggctccctcc	
ggacgggcct	
catccaactc	
cgccctggag	
tgtggctgga	480
aggaaggac	540
agagaaagaa	
gggacagagg	
aaaggggctg	
tcccagccca	
agaaggcagt	540
tccactggga	600
agtcagtcag	
gtccggcggc	
agcgcttctc	
ctggcagggc	
cgaggctcgc	600
gactgctggg	660
gtgggaggag	
gtcgtgcct	
ggggatcgga	
caactggagc	
ttggcgggc	660
tgcaactcat	720
gctcaggacc	
cagcccagct	
tgttgtgtag	
cacctgcttg	
aggccccggc	720
gcagcgccag	780
accctccagc	
gtgtctcccg	
agtctggccg	
cagctggcgc	
aggcggtggc	780
agcacaggta	840
ctggaggga	
gtggcgctgg	
cacaggagcg	
ggtgaccttc	
atgctgctcc	840
gggcgcgct	900
ggagcacacc	
atcgggtaga	
atctcttggt	
ctgcagcttg	
gtggctgcc	900
cacctggaag	960
ggaggggccc	
agcctataca	
cttctgttcc	
ttgaaaaagg	
tgagtgtgcc	960
gtgccagggt	1020
tccagggtgca	
cgccaatgat	
ggagccctgg	
ccgaaccgcg	
acgagaagct	1020
ggtcttgtcg	1080
cccttgtgg	
ggaggaggcc	
cgtgtaggag	
aggccccagc	
tgctctcatc	1080
cctgccagc	1140
aggctgcaga	
acgtgtggcg	
gtatttgtcc	
aggctccacat	
ccgacgtccc	1140
gatgccacc	1200
atcatgtcgg	
tgccgtagac	
gggagaggtc	
atcttgatct	
cccagaagtg	1200
ctggccctcc	1260
cccagctcct	
tggtgccccg	
gatggccgct	
gtgccgcagc	
tgtactccat	1260
gtggaagctg	1320
accttacgg	
tgtcacagct	
cagcagggtg	
gctgatgact	
tatttaagtc	1320
atcccagacc	1380
cagtcgaaat	
actcgtcttc	
ctctccgcag	
cggcagctccc	
tgccccgggtg	1380
ggccgagtg	1440
aggctgctac	
agaaggaggc	
ctcgtctctgc	
ccagcacagt	
cacagaagga	1440
ctcgccggtc	1500
acgggcaccg	
cactggggat	
ggatggcggc	
agcgtggagt	
actcggggtc	1500
ggagtccgag	1560
tcgctgtgct	
gcccatcaga	
gtcgtagccc	
cagttagtgg	
agcctgctag	1560
agccacggcc	1620
cgggcatctg	
cgtctcggcg	
ggctgcactc	
aggacgaagt	
gccaggccct	1620



```
gctgttccgg gggcgtctgg ccatggtgga aagaatctgc agcacnccct gcgcntccgc 1680
cgccccggcc 1690
```

```
<210> 5647
<211> 2203
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (769)...(1907)
<223> similar to gi5912057 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 5647
gacccacgcg ttcgcccacg cgtccgcccc cgcttatgct ctattatatt aactctttct 60
tacctttttt tctgaacttc taggccttct ctttccagaa ctggtggaag acaaataaaa 120
cggccaagat ggtaagaaac aagccgcatt tctccttggg gagactgata atttaaaagg 180
tttgttgtgt caaaaacatt cccagcttca tcaccaaccc tttccttcca cctctgcccc 240
ctggagacca cttatatccc gaagcggacg cggcagctga agtcaggaaa ccatgcatca 300
cattagcagg agccaactgc agactttaaa ctccgttcaa catgtggatg cggcagagaa 360
atgacctgtc cagacaagcc ggggcagctc ataaactggg tcatctgctc cctgtgcgtc 420
ccgcgggtgc gtaagctctg gagcagccgg cgtccaagga cccggagaaa ccttctgctg 480
ggcactgcgt gtgccatcta cttgggcttc ctggtgagcc aggtggggag ggccctctctc 540
cagcatggac aggcggctga gaaggggcca catcgcagcc gcgacaccgc cgagccatcc 600
ttccctgaga tacccttgga tggtagcctg gcccctccag agtcccaggg caatgggtcc 660
actctgcagc ccaatgtggg gtacattacc ctacgtcca agcgcagcaa gccggccaat 720
atccgtggca ccgtgaagcc caagcgcagg aaaaagcatg cagtggcatc ggctgccccca 780
gggcaggagg ctttggctcg accatccctt cagccgcagg aagcggcaag ggaagctgat 840
gctgtagcac ctgggtacgc tcaggaggca aacctgggta agattggaga gcgaccctgg 900
aggttgggtc ggggtccggg agtgcgagcc gggggcccag acttcctgca gcccagctcc 960
agggagagca acattaggat ctacagcgag agcgcgccct cctggctgag caaagatgac 1020
atccgaagaa tgcgactctt ggcgagacgc gcagtggcag ggctccggcc tgtgtcctct 1080
aggagcggag ccggtttgct ggtgctggag gggggcgcac ctggcgctgt gctccgctgt 1140
ggccctagcc cctgtgggct tctcaagcag cccttgga ca tgagtggagt gtttgccttc 1200
cacctagaca ggatcctggg gctcaacagg acctgcccgt ctgtgagcag gaaagcagag 1260
ttcatccaag atggccgccc atgcccac atctcttggg atgcatcttt atcttcagca 1320
agtaatgaca cccattcttc tgttaagctc acctggggaa cttatcagca gttgctgaaa 1380
cagaaatgct ggcagaatgg ccgagtaccc aagcctgaat cagggtgtac tgaaatacat 1440
catcatgagt ggtccaagat ggcactcttt gattttttgt tacagattta taatcgctta 1500
gatacaaatt gctgtggatt cagacctcgc aaggaagatg cctgtgtaca gaatggattg 1560
aggccaaaat gtgatgacca aggttctgcg gctctagcac acattatcca gcgaaagcat 1620
gacccaaggc atttggtttt tatagacaac aagggtttct ttgacaggag tgaagataac 1680
ttaaacttca aattgttaga aggcatacaa gagtttccag cttctgcagt ttatgttttg 1740
aagagccagc acttacggca gaaacttctt cagtctctgt ttcttgataa agggatttgg 1800
gaaagtcaag gaggtagaca aggaattgaa aagcttatcg atgtaataga acacagagcc 1860
aaaattctta tcacctatat caatgcacac ggggtcaaag tattacctat gaatgaatga 1920
caaaagaatc ttctggctag ggtgttagat atatttatgc atttttgggt ttgtttttaa 1980
atcaagcaca tcaacctcaa gcccgtttag caatgaggca gtgtagatga atacgtaaaa 2040
taaagtactt taaccaagta gctataatgg gacttagcac tgtatgcata cttaaaaagg 2100
```

```

ttttgaaaaa caaactactt gagaaatatt tgtttatatt tttctctaac atcatgctat 2160
gtgtcagctc gaacatctga caacagaaat ttcagttatt att 2203

```

```

<210> 5648
<211> 1100
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (977)...(59)
<223> similar to gi5524927 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5648
tttttttttt ttggggcagc gggggctctt attcgtcaga ttttccttct tgggctaatt 60
cccaagtttt ggcaagggaa agtcaataaa gtgttggtta ttgcaaaggt ccagaatggc 120
aagcagaccc agtggggcca gcagcccttc cctggatagg gctccagggt ccttcactgg 180
aggaagatcc ttggtacccc tgctctctcc aaggctggga ctagtgttcc tgggtgtggc 240
caggtgtgca gtggttgtga cagcagatgg tcttggttg gtcttagcag aggctgtgac 300
cccatacatg ggctgatgg tgccgaaagg cctggcgtga gcatccaccc accgcagcag 360
ggcctgtggt ctccactgac agatgctgag cagggccagg acatcacct cagccgtgtg 420
cgagtctgga ggggactgcc catacaggcg agtgtagatg ctgcctaggc tgtagctctt 480
ccttgggccg tgttctgagg ggctgcttgc tcgctccagg gccttcagcg cagtgatgct 540
atccacacag aaggcaccat ccagagcact ggtgaggccc agcatagcca gctctgcttg 600
gagcaggggg aagtcgtagc ggtcaccatt gtgtgccacc aggcaccagg gctgtggctg 660
gcgccgcagg aaggctagga gcaggttggc caggttgtca tcaaaacatt gacgcccatt 720
cgctgccagc acagctgtgc tcagacctgt gatctcgctg gctgcagggc tgcaggcctt 780
ccccggagcc acacacaggg agagcttgct taccacacgc ggtggtggag gaactgtggg 840
aggtggcccc tgagaggtgg gggggctctc cagggcacat ctgtggacag ccagcaggca 900
cagctccgtg accttgggct gggagaaggg caagccagtg gcctccatgt cgaaaaagat 960
gagggctctg atgggccccg ggggcagggc ctgcgagccc atggttgggt acgtacctgc 1020
tgctgagccg tagcaggcag gcaggcaggg agtagtgact cggctgcacg ctctcccgcg 1080
gctctcgccg gacgcgtggg 1100

```

```

<210> 5649
<211> 1636
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (524)...(1397)
<223> similar to gi4091782 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5649
agggcctcgg ccattccaagg gtctcccagg tgaccttccc tccaccccag gaagctatga      60
cagagggcgg gaagctgccc ctaccgctac cccacgggt ggactgggtt gtgcacaccc      120
agatgggcca gctggcccaa gacgggggtcc ccgagtgggt ccatgggtgca atctcaagag      180
aggatgctga gaacttgctg gagtcacagc cactgggata ctttctcatc agggtcagtc      240
acagccatgt gggctacaca ctctcctaca agtaaggcct gggccgggat ccagggcagg      300
ggcaggtggg ctcttggtt tcttgagg gggcaagggg tgcttcatgt catagcttct      360
cagaaagcag cagtaactga ggctgtggat ctgagaacgg gagctgctag ccaagcaatg      420
agtgaagctt ttgtccgtag tggcatgttt tatctgaggc cagcctttgt actcctgtgt      480
tataaatggg ggaaactgag gcacagcgag gttagtaacc tgctgggtgt tgcattggcca      540
gtgagtgaag aagcctgcat gggaaacctgg ggtagtctgg ctgtagcagt gacgctgccg      600
gccaagggc tggggacttg gggcagggat gagggggagt aggatgtccc agcccccgca      660
gtgtctccgc agagcccaa gcagctgctg ccatttcatg gtgaagctct tggatgatgg      720
gactttcatg atccccgggg agaaggtggc ccacacctcg ctggacgccc tggtcacctt      780
ccaccagcag aagccaattg agccgcgcag ggagctgctg acacagccct gcaggcagaa      840
ggatcccgc aacgtggatt acgaggatct ctctctctac tccaacgcag tggccgagga      900
agctgcctgc ccggtgtctg cccctgagga ggccctccca aagccagtcc tgtgtcacca      960
atcaaaggaa aggaagccgt cagcagagat gaacagaata accaccaagg aagccacttc     1020
ctctgcccc ccaaaatccc ctcttgaga gaccgcagc aaactctgga ggagcctcaa     1080
aatgctcccc gagagaggcc agaggggtcc gcagcagcta aaaagccacc tcgccactgt     1140
gaacttgctg tcactcttgg atgtccggag atccacgggt atctcaggcc ctgggaccgg     1200
aaaaggcagc caagatcact caggggatcc cacctcgggg gacagaggct acacggatcc     1260
ctgtgtggcc acatctctca aaagcccctc acagcccag gcaccaaaag acagaaaggt     1320
ccccaccagg aaggccgaga ggtcggctcag ctgcattgag gtgaccccag gggacaggag     1380
ttggcaccaa atggtagtga gagccctatc ctcccaggag tccaagccag agcaccaggg     1440
cttggcagag cctgagaacg accagctccc ggaggagtac caacaaccgc caccctttgc     1500
ccctgggtac tgctagagaa caggtccacc ctggctctgg gactcgtgct caggggctgc     1560
cacactcctg aatgccttaa catttcttcc atggccccac accatggcat ccgggggtct     1620
tccgggaacc cgggaa                                     1636

```

<210> 5650

<211> 5221

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5105)...(1520)

<223> similar to gi452755 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5650
tttttggcat ctaacaattg ttctttatct aaaaacactt tcaggaaaat ccaaggaaat      60
acagaagcaa ggcagcacca tagtcttccc agccaagggt gaagtgcctc tggttcctcc     120
agcaattccc actggtgtta tcataactca acagtctgtt gcaatcagtt gtagaaaggc     180
acagagtgc agctggaatg caaagaaatg tgcacaaccc agagctctgt cagccttgcc     240
aaaactcaag tgcccccatg ggaggggtctt gcaacatatg ttctgttgag caaagagggt     300

```

gcaaaccaag	cggttattgc	aataaacacc	acttgtgaca	aacaaagttt	gtaagtttaa	360
atattatttt	taaaaatgct	tgtcttcctc	actagacaat	caactctatg	agggcagaga	420
ctatgtcacc	actgtcccac	cagccctcgg	cacacagtag	gtactcaata	aatatatgtt	480
ggaaggatgg	atggaggtaa	tggatggaaa	gatggatgga	aggatgaatg	gagggatgga	540
tgtgaccag	ctgaagtgtg	agtaggaaca	ttctcttatt	atgggtggag	gaaagagaga	600
ggagattgag	aaaataagat	aaaatacatt	gatgcgcata	atttttgggtg	ttcgaaaagt	660
aggattgaat	taggactaat	aaatctagag	aattttacct	ctttcaatgc	ccaagccaca	720
cttttctatc	actttgaaac	cgaaaaagta	aatactttcc	caacatttgc	tttgctgggt	780
aggaaatggc	tttaataaaa	atgccatctc	taagttgcca	tggcatcatt	aaaagaaaagg	840
attgtcatgc	ccagggtcca	gaacttgaag	ggtggcaggc	accagcaagc	accatagctc	900
tgaatgggcc	tgccttacag	gtcctcactc	caacactgct	cacttcttcc	agcttgaaaa	960
tggagaacat	gttcacaccc	tgggttgtaa	gtaggaagga	actctgatca	gcaagaagct	1020
tgcagaggac	aatatgaggc	aatagtattt	tactggccac	agtgtgactg	ggttgactc	1080
tgttctgaca	ttaggaagaa	tttcatgcct	gggcaaagtc	aaagtttttt	ccttttagtca	1140
cattactcaa	agaataagtt	gactatatcc	caacagcact	tgtccaaatt	ccaggactcc	1200
acttacgact	attatgaggc	aaacatctgc	ctgtgcagtt	tgtctttcca	tccagtctat	1260
tctttggggt	ccagatcctt	gatcattctc	acaccagtg	ctatctgcct	cattgcccag	1320
catcaggaag	caaggagtat	ggtgcaataa	gacaaccacc	tggccatggg	atcaggaatg	1380
gggtcaggtc	agttagacctg	agcatacca	ttaaactatgt	tcaaagtcc	ccatcccacc	1440
cactcacatg	acatggctcc	cgagccctga	gatctgtatc	ccaagaacct	cagttgagaa	1500
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<210> 5651

<211> 5553

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (52)...(5295)

<223> similar to gi2347136 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5651

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<210> 5652

<211> 1669

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1643)...(1413)

<223> similar to gi288145 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5652

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<210> 5653

<211> 1833

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (71)...(1833)

<223> similar to gi443940 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5653

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tgttgtaaaa	actcttttac	agcttatttg	gatttcatct	ttattttattg	cagccaaact	660
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ggatctctgt	gtcctggatg	ttgactgcct	tgaatttcct	tatggtatac	ttgtctcttc	960
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cgacatagag	aactgtgtca	agtggatggg	tccatttgcc	atgggtataa	gggagacggg	1080
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ggggcaagcg	ttgtgcagag	cccatagcca	gctgggcagg	gggctgccct	ctccacatta	1740
tcagttgaca	gtgtacaatg	cctttgatga	actgttttgt	aagggtgctg	atatctatcc	1800
attttttaat	aaagataata	ctgtttttga	gac			1833

<210> 5654

<211> 855

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (310)...(809)

<223> similar to gi3025832 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5654		
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cgggcctcgt	cagccagtaa cagggagcag aggtgggagt tagcgaggcg accacgaaaa 120	
cgggtgaaggt	cggaaccgac agcctcctcc gagaaggcca ggagctggga ggaggcggca 180	
gcggcggcgg	cagaaacagc agcggcggcg gcggcggcag ctgggaggag gtggtgacgg 240	
tggcaacggc	agcgtcgggg acgatggcgc gactcgtggc agtgtgcagg gacggggagg 300	
aggagtcccc	cttcgagagg aggcagattc ccctctacat agacgacacc ctgacgatgg 360	
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taaagcagtt	cattcagcga catggtatgc ttaagcaaca ggatctaagt attgccatgg 480	
tggtgacatc	acgcgaagtc ctgagtgcac tttctcagct tgtcccatgt gttggttgtc 540	
gtcgcagggt	ggagcgtctc ttttccagc ttgtagagtc tggaaatcct gctcttgaac 600	
ccctaacagt	agggcccaag ggagtcctgt ctgtaactag aagctgcatg actgatgcaa 660	
agaagcttta	tacattattt tatgtacatg ggtccaaact aaatgacatg atagatgcta 720	
ttccaaaaag	taagaagaat aagagatgtc agttgcactc cttagatagc cacaagccaa 780	
aacctttggg	aggttgatgg atggatgtat gggaaactaat gtcgcaggaa tgcagggatg 840	
aagtagttat	aattg	855

<210> 5655

<211> 5663

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5664)  
<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (5501)...(2237)

<223> similar to gi33942 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5655

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ttttatacaa	atatccacag	gtaattttcta	atcatgaaat	aatttttaca	tgctagttag	180
tacaaaaatg	tatcaaatgc	aaacagacca	gtgacttgac	ttgagatgac	atttttaaca	240
accataaatc	taaacaccat	aacatctttg	tttctttggt	gaaccaccct	cccaacaccc	300
ttttcaggac	attcatcttt	tttttagtaa	cacaggtcta	aaaacactgt	caaagtatca	360
gctccttagc	aatctagcaa	tctaaacaca	ttagggacac	aagttcccca	agcaagaaac	420
tgagacttta	aacactgtta	taacctgttt	tacagaaatt	tttgtaaaca	aaatatattt	480
tgtgactaag	aattccaaag	tacaaccaa	acaacgtcct	tagtatttta	aggtttaaga	540
tttccgaaaa	gaaaaaagcc	ccccaaaac	aacagtggcc	ctacaaactg	tgttttatte	600
tttcaaaaca	cagacactgc	ttatactata	tccaaaacaa	attagcacct	gtttgcgtgt	660
gctcccata	taacttaaca	ttgtgaagca	tggtaatata	aaaaaatcag	ctttcatatc	720
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aaggttatca	atatactttt	aatttttgat	ctctcgtctt	tctttccgga	tccttacagc	2160
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cgaggctgcc	gcgctgctgc	taccgcagcc	accttcgctt	cctctcgccg	ctgcgcccgg	5640
ccccaccccc	gggacggctg	cgc				5663

<211> 610  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (8)...(529)  
 <223> similar to gi498734 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5656

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agggttttac	ccgcatgtca	gggctcaca	ggccccagtg	gattcatact	ggagagaaac	180
cgtatgtatg	cgtccaatgt	gggaaagcct	tttgtcggac	cgcaagcctg	attcgacact	240
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gcaggtcacc	cctcacaagg	caccagcgga	ttcacactgc	agagaagtcc	cacgaaccca	360
tccagagtgg	gaacgtttct	tgtgagagca	cagatctcat	tcaacactcc	atcatccaca	420
ctgagagtag	cccagtgagt	gcagtgaata	tggaaacgcc	ttcaattgcc	gctcattcct	480
cctcactcga	catcaacgga	ttcatagtgg	aagaaaccct	accaagcaca	gcagatgtgg	540
aaaggaagga	ataaaaatgc	ccaagaccaa	acgaaagaag	aaacacttta	ttttcattgc	600
aaaaaaaaaa						610

<210> 5657  
 <211> 1107  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1095)...(644)  
 <223> similar to gi3668416 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5657

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cctctgagag	gtagaaacag	cttgtgctct	cagatggccc	tcagtccttc	cccttgatcat	180
ctttctgtcc	tagactgtgt	cctaactgct	cacaaggggt	cagcggcatg	caaacagtct	240
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ttccggaaca	gttaactgga	atctgaccag	attacagaca	gcaccacccc	atattactcc	420
aatggctaag	acacagcatc	tttgattttc	tgtatgtcat	aacattctga	agcttgagtt	480
accgatggag	ccatttttgc	aactacacat	cctccttata	gttcttgctt	tcctttcaag	540
cagatcacag	ggcccagggc	aagatgattt	ccttgaggag	aagtagcctg	agccttagaa	600
atgcaatttg	tataactgac	cagcctggct	ttccccctcc	tttaggaatc	tgattcttct	660
tcctcttctc	cctcctcttc	ttccgtcaca	tgactctttg	tgctcagctc	cagggttggt	720

tggttgattg	atgcttcatt	gtctacatgc	accaacatat	catgtgactg	ttcaggtaca	780
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tcttcaacct	gtttgtttgt	aaacctctaa	attggcgcca	ccacagctag	tgagtagcgg	900
agaactggcc	gcagcaggtg	gtcaccacag	aggcccaggt	tggggggaaa	tggtcgctcg	960
ggaggaatgg	aggaggggca	ggagagggcc	gcgggggtcac	cttgaggcgg	ttcagctggt	1020
cgtgcagggc	tgccttcaac	cgcagcagcg	tctcctcctc	cttgcgagct	tcctgaagcc	1080
ggctcagcat	gttgccctggt	cacatag				1107

<210> 5658

<211> 3443

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (235)...(2472)

<223> similar to gi30082 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5658

gcacgagtaa	ggacagaaaa	gtgaaatgca	gtatggtgaa	gaggataccc	tgaatatgta	60
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gcagagcagc	atctgctgaa	gagacagaaa	ccagccccag	aggtgtcaca	ggaaggcacc	180
agcaaggaca	ttggtctttg	atttgattca	gcagtcctgt	caagtataaa	tgtgatggct	240
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ggagagtatc	tgccagatat	ggggctggga	attgatggcg	tgaaaccccc	ccatgcctac	2040
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<210> 5659

<211> 2091

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (365)...(1924)

<223> similar to gi4335949 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5659

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agaagaactc	aaagatacac	aaagtaattt	gaaccaaggc	tcaaaagtgt	ttggagccgt	180
gagggataca	gcagtttggt	caatattgtc	ttaacatgct	tcaataaat	cagcttctct	240
ccaagataaa	atggcaaacc	caaaagagaa	aactgcaatg	tgtctggtaa	atgagtttagc	300
ccgtttcaat	agagtccaac	cccagtataa	acttctgaat	gaaagagggc	ctgctcattc	360
aaagatgttc	tcagtgcac	tgagtcttgg	tgagcagaca	tggaatccg	aaggcagcag	420
tataaagaag	gctcaacagg	ctgtcggtaa	taaagctttg	actgaatcta	cgcttcccaa	480
acctatttag	aagccaccca	aaagtaatgt	taacaataac	ccaggctgta	taacaccaac	540

tgtggaactg	aatgggcttg	ctatgaaaag	gggcagagcc	tgccatccac	aggccattag	600
atccaaagcc	attcccaaat	aatagagcta	attacaactt	tcaagtcag	tataatcaga	660
ggtatcattg	cccaatacct	aagatctttt	atgttcagct	cactgtagga	aataatgaat	720
tttttgggga	aggaaagact	cgacaagctg	ctagacacaa	tgctgcaatg	aaagccctcc	780
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caggccaaaa	aggaaaagga	gccggattat	gttttgcttt	cagaaagagg	aatgcctcga	1260
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gcagctttgc	tttccttaat	acattatctg	ctagcaccat	ctgctagact	tgaaaaatca	2040
aaattgtttg	cgttgggaaa	ttgatatcat	agtagattta	aattatttta	a	2091

<210> 5660

<211> 3880

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3774)...(1514)

<223> similar to gi605 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5660

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actttgtcca	gattcagaaa	gagtaagttt	atcaacatct	ggcatccctc	atactttgtg	180
aagatagatc	ttctactgct	taattatgag	aaattatttt	attcaaagaa	aggagctctt	240
aatcttttga	taaaacaaaa	taaaggagta	gagagctgac	tagatgtcaa	gtgcttgcta	300
gaaatgattt	ttaaaatgct	tctacacgta	aaatgtactg	acaaattttg	gtaaaccatt	360
taaaaataag	aattagtttt	aaaatcttgg	agaaaatgcc	tttttgccca	catttaaaac	420
tgaaaatcaa	ttttactata	gataggagtt	ctgtggagtg	tacaaaattc	cttttagaga	480
tcaaatggcc	atcccagata	gatatcatgt	ttcacaggca	ttacttttag	tcacctcaa	540
gtttcagcca	tgggaccaaa	atttagtgtt	ctgtgccatg	tggtcacagg	gtcattgggt	600
tcacatcatg	gcttaagaaa	atactggcat	tttgtttctt	acgaagtaag	tcctaccttg	660

tgcacccaag	caaaaagaaa	aaggaagaaa	acaggggagg	gaaaggcgca	agaagctttt	720
tttgtttggt	tgttttgaag	acaacagatt	gaaggcaaaa	aaacacagag	ctttcacaa	780
ctcaaagaaa	aataatttgc	ggctgatcgc	tgatttgtat	gcactataaa	acaattccat	840
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<210> 5661  
 <211> 2379  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2011)...(395)  
 <223> similar to gi4808552 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5661

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gtggaaccta	taaaagctgc	ccttatacaa	gtaaagagtc	aaatgctggt	taccatgggc	180
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aaaaaaggag	tgatataggg	gtaccagaga	tgggcaggat	gattgaagat	cacagtccag	360
ccttgcagga	ccccggggga	cagggcgggc	actcagaggt	ggacctccag	caggtagcgc	420
aggcgacact	ggctctcctg	gtagatgagg	tactcgctct	gggagaatgt	ggagctgctg	480
aactctgggc	agggcacagg	ctggccctgg	ggcaccacca	cttgcctggc	atccagctcc	540
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gccacctcac	ccaggaacat	gtagccgaca	tgggtggccc	cacacttcac	gccaataaca	720
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tagtctcat	acacctgggt	ccggggggtt	tgcttgcttg	agtggacatg	ttggaatcca	1860
cgcggattat	gcgctttctt	ctgcggggta	atggcctttg	agggcctcag	cgggtggagc	1920
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ctggggcagg	ccgagtcagg	cgaccagtc	cacggacggg	tggacactcg	atctggcata	2280
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<210> 5662  
 <211> 2113  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (508)...(276)  
 <223> similar to gill177607 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gagacggggg ttcgccgtgt tgaccaggct ggtctcgaac ttctgacctc aggtgatcca      240
cccacctcgg cctcccaaag tgctgggatt acaggggtga gccactgcat gcggctgaag      300
gtaaggattc taaactcgga gactagaaat gtcctaaagg tgtctgcaac attggatgag      360
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tttgattcag aagagttagg aatgcctccc tatttcagtt gggttttctg ccctttctcc      480
acagaggtcc agactcattt tgcttaattt tttttctagc tggggcctgg gaggtagagg      540
cttcagggcc tgggtggtag agctgcctga caagtgttca gcagggtgc tgggtcaggg      600
ccctgtgggc cttctgacct aacctgaaga tgggtctgct aagtctaaca aggtcaaggg      660
aagatcagag ggacctcagat tcttttttat cccccacttg aaacggagtc ttgctctgtc      720
gccaggtctg gagcgcagtg gtgcaatctt ggctcactgc aacctccgcc tccctgacct      780
tcacactgtc cagtgccttt gtggttactc agcatcatat cttgagactg gcctggcagg      840
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cagccctctt aggtcagtt caaagggaga ggaggtagt taaataagaa actgagagaa      1500
acatggagca ttattgattt attagaaaaa ctagtaaatg ggtttcctct ggttggtgga      1560
agcacggttg agcaggtgga ggacaggacc cagctggccc cagggccagc cccagattgc      1620
atggtctgtg cccaacaggg ttgcattcct ctgcagccgc cgcctcctca tttcctccct      1680
gagcttggtt gtccaagcca ccaagccatg tgggtcccgt ggcttcattc tcctctggat      1740
tcctgcccc cttccatgaa gggaggaaga ggattcaggg tcagcctagg ggacctggc      1800
tccctccgat aggcaggaag gaggagggat gcggaggaga ggctgagcct tccacggggc      1860
tcctgttagg ggtgttggtg gaggccaggt tgggtaggga agcctaagga ccctccacac      1920
ctcccacagc cagagtcagt tgaggctggg acaaagggga aggagagagg gaaggaggac      1980
cgctgacct tgcccagaag gagcttcctc taaactgcc tgggaaggaa gcctggtatg      2040
ctggtgtgga ctggagctgt gtcaacctcg tttgggaata ctgtcaaaag actgtagagt      2100
agaataagga gag                                     2113
  
```

<210> 5663  
 <211> 4450  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (65)...(1861)  
 <223> similar to gi3882251 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5663

aaatgatgtc	agagattttt	ttcatgggct	ccgtgttgat	gcagtgcatt	tggtgaaaga	60
tcatgtaggt	cgaaataatg	ggaatggatt	ggttaagttt	ttctcccctc	aagatacatt	120
tgaagctttg	aaacgaaaca	gaatgctgat	gattcaacgc	tatgtggaag	ttagccctgc	180
cacagaaaaga	cagtgggtag	ctgctggagg	ccatatcact	tttaagcaaa	atatgggacc	240
ttctggacaa	actcatcccc	ctcctcagac	acttcccagg	tcaaaatcgc	ccagtgggca	300
gaaaagatca	aggtcaagat	caccacatga	ggctgggttt	tgtgtttact	tgaaagggct	360
accatttgaa	gcagaaaaca	aacatgtcat	tgattttttt	aaaaagctgg	atattgtgga	420
agatagtatt	tatatagctt	atggacccaa	tgggaaagca	actggcgaag	gctttgtaga	480
gttcagaaat	gaggctgact	ataaggctgc	tctgtgtcgt	cataaacagt	acatgggcaa	540
tcgctttatt	caagttcatc	caattactaa	gaaaggtagt	ctagaaaaga	tagatatgat	600
tcgaaaaaga	ctgcagaact	tcagctatga	ccagagggaa	atgatactaa	atccagaggg	660
ggatgtcaac	tctgccaaag	tctgtgccca	cataacaaat	attccattca	gcattacaaa	720
gatggatgtt	cttcagttcc	tagaaggaat	cccagtggtg	gaaaatgctg	tacatgttct	780
tggtgataac	aatgggcaag	gtctaggaca	ggcattgggt	cagtttaaaa	atgaagatga	840
tgcacgtaag	tctgaacgct	tacaccgtaa	aaaacttaat	gggagagaag	cttttgttca	900
tgtagttacc	ctagaagata	tgagagagat	tgagaaaaat	ccccctgccc	aaggaaaaaa	960
gggattaaag	atgcctgtgc	caggtaatcc	tgcatgtcca	ggaatgccc	atgcgggact	1020
gcccgggtgtg	ggactgccc	gtgcaggact	tcccgggtgca	ggcctgccc	gcacaggact	1080
gcctgggttca	gcaataacca	gtgcaggact	gcctgggtgcg	ggaatgccc	gtgcagggaat	1140
acctagtgc	ggaggtgaag	agcatgcctt	cctgactgta	ggatcaaagg	aagccaataa	1200
tgggcctcca	tttaactttc	ctggtaattt	tgggtgatca	aatgcctttg	ggccaccaat	1260
ccctccttcc	agggtttagg	gaggcggggc	ttttcgtgat	ggttaggcct	ggtatgcctt	1320
cagttggaaa	cagtggtttg	cctggctctag	gactggatgt	tccgggtttt	ggaggtggac	1380
caaacaattt	aagtgggcca	tcgggatttg	gagggggccc	tcagaatttt	ggaaatggcc	1440
ctggtagctt	aggcggtccc	ccggggtttg	gaagtggccc	tcctgggtctt	ggaagtgccc	1500
ctgggcattt	gaggtgggccc	accagctttt	gggcctggcc	ccggccccgg	ccccggccct	1560
gggcccattc	ccatattgggt	ggttccccct	gggctttgca	tctagtttct	ggaaaaccag	1620
gaccgacagt	aattaaagtg	caaaacatgc	cctttactgt	gtctattgat	gagatttttag	1680
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tcattgactt	aaatgacagg	cctataggtt	caagaaaagt	aaaacttgta	ttagggtagc	1860
cattcacatc	attttttata	gggtagatct	tcatattgct	gtgattaatg	catccagatt	1920
gttttcctag	tatttccagg	ttagaacctg	tggattgttc	caatggccat	atagcttggt	1980
ttccataaca	tcgagcagca	ttggttgact	gtttacagaa	agactcactc	caccaggat	2040
aaacattgct	gtatgttacc	agtaaagcta	tctggagaga	acacataaat	gattttgggc	2100
ataccattag	aagaaacat	ttgtaaactt	caaattacca	caataaggct	tatcaaggag	2160
tctaggattg	gttttgttt	ataccatag	ggatgaagaa	aatagaaatg	tcagtagaac	2220
tcattgaggg	tgctcttgcc	agctgctgaa	aatagaagtt	ggctactctc	agaatttggt	2280

ttaaaagctg	gacagatttg	ccttggtaat	agggtaaaagc	tttgtcctaa	agtccectcat	2340
tttcctttta	aaattgaata	aaattttctgt	atacagattc	attgtatgta	cctttatttgc	2400
cttccttaag	ggtccttgct	gtatagacag	tcctgccttc	agaaggttgc	tgctttgttt	2460
gtctaattga	ctcatttgta	aatgagcaga	actgttttgt	gggttttttt	ccctaaatat	2520
aaaagtccca	cacttcggtt	gtgctataac	ctcaaacctt	gatttctaata	gtcacactta	2580
aaactgtgtg	gaataagact	tttgccataa	aaataaaacta	tggagtcctt	tatctaccag	2640
agcctttttg	gtttgaccgc	cacgatttag	gttagtcagt	ttaaaaattg	ttcatgttgt	2700
ttggatggta	tcgaaaacca	gaaaccactt	ttaataatgt	gtttaagata	cttgatttga	2760
agtccttttc	atatggacta	attgtagtat	caatttcctc	ctgtcccgat	tatgtgaaat	2820
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actgaagttg	aaattatctt	tgtagcagt	agtagtatag	aataaaaagat	ccgtatgctg	2940
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ggaccacatg	agttctggtt	ggtaagtgtc	cttgtcatga	aaacacttgc	cttacaaggc	3180
tctaattatg	atttccttag	tcagtgtctt	gaagatgtgt	cacattatat	tataaacaat	3240
acggaagggg	agataggtga	gatgatatga	aaaacaaatt	ttctcactgt	cataaaaggc	3300
tctaattatg	gttactttcc	ttgtgatgaa	aaacttggcc	ttacaggggt	ctagttatgg	3360
ttactttccc	tagtcaatgc	tctgaaaatg	tgtcacatta	taaacaatac	agaaggagag	3420
atagatgaga	gatcatgaaa	accaaatttt	atcttttaca	tggccccttt	gtcttcgttt	3480
gaaacatccc	caacatttcc	tacaaatcag	cgtagttaga	aaggggtcag	tcttttaaaa	3540
taagtatttc	ctattaaact	atatatatat	acagtgcctt	tttgggtgtg	tgagtcagtg	3600
gaacactgaa	atacagcggg	tgtgtaattt	aagagtggca	acagtttcat	ttgataagat	3660
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gagaaggatt	gttttagactc	aagaggtgac	tatgttgtgg	gtcttttgat	aattcatgaa	3780
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gtttgtatat	gctgtttaat	ttaagttaat	gttaagtaat	catttctcat	tccaaagaca	3900
atgcaaaaaa	cttcagcact	gcttgagagt	tgtatttcag	ccacagatat	tttctccatt	3960
ggaaagctat	tttcatttta	gaaaaatggg	ttgtttgaag	atgaaagtct	tttatctttt	4020
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gttcactctaa	ttaaataaat	taaaagagcg	gtttgtgtag	aaattggaga	gaactatggt	4200
ttatatgaat	cacaacagtg	ctcgttgtgg	actgtaatta	aatgctttgc	cctctggaac	4260
ttgatttttg	tgtatctgag	atttattaac	agtgctaact	gctaaggata	ctgtttatct	4320
tggtctgggg	attggagttt	cagtttttaa	aaaattcctg	aaaatgtatt	ctgtgaaact	4380
actcatacct	ctcttcctgc	gaattttctc	ctaagaacta	ggtttggggg	agaaatgaat	4440
tgacattatt						4450

<210> 5664

<211> 659

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (356)...(600)

<223> similar to gil389766 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5664

cataggttgg	aaactgaaac	ctgcacattt	gtggcaaagt	tactgcatt	tacagggaga	60
gaaagaaaac	cacatgactc	ttctttgtat	gttaaagact	ttttattttc	agggcccttc	120
agaggaatca	attcctttta	acctttgtta	aatgccacag	gagccaaggt	taagcgatgc	180
ttttaactta	ggaactgacc	ctctccaggc	agagtctcca	aagtagatta	cctcgaaatt	240
tcaaagaggc	agttctacaa	gaggagcctt	tgaagaagcc	aatcctgttt	tccattgttt	300
tgctttcaca	cacgggttga	acttgaactc	ttacctttct	ccatttataa	caaccaaaat	360
ccaccttaaa	aaatcaaagg	ctgggagcgg	tggctcatgc	ctgtaatccc	ggcatttagg	420
gaggccaagg	tgggttgatc	acctgaggtc	aggagttcga	gaccagcctg	accaatatgg	480
tgaaccccc	atctctacta	aaaatacaaa	aattagcagc	ggcgggtgcc	tgtaatccca	540
gctactcagg	aggctgaggc	gggagaatcg	cttgaaccgc	ggaggcggag	gatgcagtga	600
gattgcgccc	ctgcactcca	gcctgggtga	cacagcgaga	ctttttcaga	aaaaaaaaa	659

<210> 5665  
 <211> 1300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1301)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (217)...(811)  
 <223> similar to gil055044 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5665						
cttgaattcc	tgacctcaag	tgatccaccc	gccttggcct	cccaaagtgt	tgggattaca	60
ggagtgaacc	acctcgccca	gccaaactga	cataactttt	aaagatggat	tgccaagctg	120
aggatgaactg	cgggcttcat	ctgggttatc	aaacatcatc	gcttcctgaa	aaaaacaaag	180
ttgaattcaa	gctaaataaa	gacacatcgt	cattccccgg	tagactttta	caacatgacc	240
ttgaaagaaa	ctactcaagt	aggcaagggt	atcatattaa	tttggtgagc	tcactcattgt	300
catcatttcc	tattcttcaa	cgttcttctg	aagagaaaaat	tctttactca	gacaggttga	360
gcctagaaa	acaaaagctg	accgtatgtc	ctatcatcaa	tggggaagac	caccttcggt	420
tggtgaactt	tcaacacaat	tttataactc	ggatacaaaa	tatttctaata	ctacagaagt	480
taatatcggt	ggatttatat	gataaccaga	ttgaagaaat	tagtgggctt	tcgactctga	540
gatgtcttcg	tgctcttctg	ttggggaaaa	acagaatcaa	gaaaatctca	aatctggaga	600
atctaaaaag	cttagatgtc	ttggatcttc	atggaaatca	gattaccaa	attgaaaata	660
ttaatcattt	gtgtgagttg	agagttttta	atcttgccag	gaacttttta	agtcagtgtg	720
ataatcttaa	tgggctggat	tcactaactg	aacttaactt	gcgacacaat	caaatcactt	780
tcgtgagaga	tggtgataat	ttgccctgcc	tcccaacatc	tctttctcag	ctttaacaat	840
atatctagtt	tttgacagtg	ttttcttgcc	cttgctggac	tcttctttcc	ctctcgggac	900
atcacccctt	gagggccaat	cccataggct	tcaaggagtc	agggtaacca	acacactgtc	960
cttcagaata	tgatgcagct	gcgccactaa	gatatggaag	gagaattcac	gggaagaagg	1020
aaaggcgtat	ggcatctgtt	ttagcccaaa	aaaggaggga	agaggaagga	gccgggaaag	1080
tcctaaacca	ttcttttgct	taaggagaag	aaaagggtta	accatttaac	cacgtagctt	1140
cgacagtggg	acttgcaaca	acgagtagcc	aatattgcta	caaataga	tagaaaagat	1200
ttctggactc	tcctcaggac	cctgttcaga	ttgatgggaa	ggcaccctct	ttggctttcc	1260

cagaggccca caggggcntt taggattcag ggnttcaagg

1300

<210> 5666

<211> 892

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (845)...(300)

<223> similar to gi4929703 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5666

tttttttttt	ttaaaatata	tttgctttat	tatgtacaca	ctatatattac	atcaccacc	60
ctgaaaacag	caggttctgg	cttttcctgt	aacccccaga	tgaatataaa	ttggagcctc	120
tgagaacagt	tccttcccca	gagcggggag	tgtgcacgtg	tgtgtgtaac	cttctgattc	180
catgggacct	ggccagctcc	tctggagcca	cacagcacct	ccttgccctta	cacctgggt	240
ccagcttcac	tggtcggggg	gacgcctcag	cctggggcag	ctgtgatgta	aaccagtcac	300
tccacctcca	tcttctcttt	ctgcaaagaa	tcgaggaagt	cttgccactc	tgctgggtaa	360
aagcgtttat	agacgttgat	cttactccga	atctgttttg	gggtatcttg	atagtaattc	420
ttctcatcac	gggccatggc	cttatagtec	tcccctgggt	tctctaccat	gtagcgtaca	480
tagtcaatga	ggtcccaaga	cagagtattt	cctttctttt	ctggaaggct	ggcttctgcc	540
tccaggtcat	tcagcacata	gggcttcggg	tacaagttct	tttaggcctc	tctctctatg	600
tccaccttcc	atggccttca	cctttctctt	acgggagggc	accggccctg	ttgggggtcca	660
cagccaaccc	catctcggcc	aaggttctgc	cgtaccgatt	tacgcgtggg	cccacggcat	720
gtcggatgtg	ggagcattcg	agtcctgcgc	gctgccttcc	gtcgagcatt	cgggttcaga	780
cgctttcggt	tgacactgta	accaaacttc	atgctaccgg	gtttatgccc	ttggccttgg	840
gcacgcgct	gaccaccgca	ccagcagctc	aaacacgctg	cctctgtctc	tc	892

<210> 5667

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1109)...(459)

<223> similar to gi1825695 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5667

cggttggtgg tcaatatgtt ttttagaaat aaagacggaa aaacatcaca gtgcataata 60

tataaggtca	atgtcttgtg	atacttgatg	tatgtatgta	tcacacacac	acatacacac	120
ctacacacaa	atacacaac	atacacaatg	aattccacag	atattggatt	gtgatgtaat	180
ctttatttct	tactctgagc	tccagttaga	aaagtttgac	aatcattggt	atagagctat	240
gttcagaaag	tggagacttt	ctgactcact	gtgagctctg	ctgtatctat	gcgctccctg	300
gagagggagc	aacttgctaa	ggtacagtcc	tggccattgg	catggatatt	tattgttcca	360
catgttggga	aaaccatgtg	caataaaaaat	caaacatag	aaacaatggc	tgtcattgta	420
ccacagtata	cattgtatct	tggatgaagg	tcttaaat	ctccttggag	ttcctaatt	480
cacttcagga	aggatttgtt	gtgttcctgc	tttatgctgt	cacttgcaaa	cacttttgct	540
ttgctagttc	ttgtattaga	tcttcataata	cttgcaaaaa	gaggctcctct	tcagattttg	600
ttccatccag	gtacacaact	tcccatgtga	tgtcctgcat	ttcttgtctg	tacttttagat	660
acatgggcca	cacatggcca	tcaaagtatc	cggagagtc	tggaggctga	tagacccttg	720
tactcctcct	ccttttacat	tcttcataatg	gaatagtcag	gaaatagctt	ctattccata	780
tagtgtcaag	gggcttataa	ttaaaaagaa	gaaaaccttc	gatgattaaa	atgggaattt	840
cctcagcact	ttcctgggtc	gttgatacca	cagagtgtct	tgcgctttcc	atccagcagg	900
aaatggctga	catcattttt	tccatgttaa	gtgcttcaag	cacatcgtac	tgcaaaaatc	960
catttttate	tgtctctatc	tcagactctg	gcttgaagaa	atcatcctga	gatatgacac	1020
tgcaatttgg	gaggtgtttc	tgcaaattct	tagccagtgt	tgttttgcca	ctgtttgtca	1080
caccactgat	tccaatgata	aatgttttca	taattagctt	tgaaaatcac	agcttcctaa	1140
tatttctctg	cgccagttcg	agtcctccca	aacacagcgg	cagaggcgac	agccaagcgc	1200
gcgcctgtac	ccagtgcgcc	gctaccgcga	gctcgtcccc	cgagaggccc	acagcccctt	1260
tccccacgct	cctcctgggt	tagagggatg	ccaggtaggg	gcggtcacca	gaggcccctt	1320
ttctctactc	tcggcgccgg	gttccagccc	ccgttggggc	acgaaa		1366

<210> 5668

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (548)...(293)

<223> similar to gi2318003 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5668

gcgggcccc	gatggctggc	ctgactgtcc	caggggcaca	ggctccagca	ggctgcctgt	60
ctgtggtcca	ggcttcagga	acccccggtc	ttgggtgtgc	gggggctggg	aagtggctgg	120
gggtgcacag	tcccacacct	gtcattcact	gaacaggcac	gtattgacag	cttgtggcgt	180
gtcaggccct	gtgcccaact	ctgggagtca	aggataacct	gacagactca	ggccacttta	240
ggaaaacgaa	atccacccca	accacactta	gcgagtcacc	ctggccgggc	ctgggctgcc	300
ctccagtcgg	tcagccggac	tggatttcca	cgcgccgag	ccctacgcct	cccagaccct	360
gagctccagt	ctgcacaggc	caggtgtctg	gagccgggcc	tggtgacagg	catccccag	420
gtgggaggag	gggctgtcct	ggctctgacc	tggatatcag	atccagagct	gagggggagg	480
tgcagggtca	ggaggggagg	ggttctgttc	tgagtttccc	ctggccaagg	ctgcagacaa	540
gggacgcaga	caatcggcac	attgtgagca	ggggctgcag	gatggaacca	gcaagctgct	600
gtgctgagcg	ccccaaacct	gggcctacag	gggtgaagac	caagccctcc	tgccgggggct	660
ggagagccgt	gggcctgtct	ctgctgtctc	tgctgtgtgt	gctggccgct	gtggggattg	720
tggctggagg	gcttcttggc	tctgtctcag	gccctcccaa	gccaaggctg	cagacgtgc	780
gaatgaccct	cccagagccc	cacatgcccc	ggccaacca	aaccatcctg	gtggacgtgg	840
cccgaacgc	ggcgaccatc	acagtgaccc	cacctcagag	caaccacagc	tgggcgggtgc	900

<210> 5669  
 <211> 1642  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (403)...(865)  
 <223> similar to gi804811 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5669  
 ggaacacaga gaaaggttca cccgggagag atggcctagc cacttcctta gtgactgttt 60  
 ggtatatgta ggtccccctg ccattactct ttcagccttc tgcaatctag ttctacttag 120  
 tcacacactt ctctaagacc actcatacgt aaacactacg tagaggcccc tttttgctc 180  
 attttacatt gtttagttat cattttgaaa cttttcttca catatgtaac agtgccggag 240  
 tttttctgct tctctgtgtt tggtcagtaa ctcttcttta ggatacacct aaagatgaga 300  
 agcttcatac ccagtactcc tcttcattca ctcatatggt tttgggatca gtcccttctg 360  
 ctggctgtgc attggtctaa tggaacagaa tagagtcag aaataaccca acatgtatgt 420  
 ggacaactgg tttttgacag aggtgcaaag gtcttgaaaa aatgatgctg gaataattgg 480  
 gcatcagatg caaaattaaa aacaaattga tccatatctt aacactggca aagattaaag 540  
 tccaaatgga ttatagttcc ccaaactgt ataattttta aaagacaaca aggaaaacgg 600  
 gttcagcctt ggggttaggaa aagatttctt aaatccaaca caaaagcac aatccatgaa 660  
 ggaaaaaatcg ataaattgta ctttatcaaa attgagaact tctctttgaa aggtaccata 720  
 aggagaacaa aaagacaagc tgtagagtgg cagaaaaata tttgcaaac atttctgata 780  
 aatgagttgc atctaggtta cataaagaag tctcaaaact gaacaaagta aaacccttg 840  
 ttgacttaat gcgctgtttc ctctgagct tgctgcctct gcccctgctc tctctccttt 900  
 tccatttggt ttcaacattg aatccagaat gttcttcttg agatccaagt cagatcacac 960  
 caaccctcag aactctccaa tagacgacca tggcactcaa aagtccacaa tagccttcaa 1020  
 tgctgggcaa aacatgaagc accccttttc tcccttctct gaccccatca cctctgtgtt 1080  
 caccctgctc ctgcccgtct cctgcctcc aaaacaggtc aggccttcgt gcctttgcac 1140  
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 agtgtcattc tctactgagg cttatctaaa agctggcagc tactgggggc attcctgtct 1260  
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 tggtttacct ttgttgttta tatttgcagt ttgtttccca cttgaatgta agctccaaag 1380  
 attttatttt tttaaactga attattactg tattcccgaa acaattccct ggcaaatatt 1440  
 tggtaactcaa tagtaatgct aagttagtaa ataaatgatg aatttagaat caaaataacg 1500  
 tgtctatggc caaaataaaa cctgaaatcc ctgtcctatt ttcccagagg taactgctgt 1560  
 taatagttaa gttgtgtgct tccagacata ccttcacaga atcatttatc acaataaagg 1620  
 tgtcatacta tgcaaaaaaa aa 1642

<210> 5670  
 <211> 1249  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (497)...(333)

<223> similar to gi347455 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5670

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gtccttcagg	cttgcggtc	ggccgcgaag	tgtgtcaggt	gtgcatcctg	gggtctcctt	180
tgtgtctctg	cctacggcga	cacaggcggc	gtgggggttag	acaggtagcg	gtcagactac	240
ggtgacacag	gcggcggtgcg	gtagacagg	taccggtcag	attacggtag	cacaggcggc	300
gtgggggttag	acaggtagcg	gtcagattac	ggtgacacag	gcggcggtggg	gtagacagg	360
taccggtcag	attacggtag	cacaggctgc	gtgggggttag	acaggtagcg	gtcagattac	420
ggtggcacag	gcggcggtggg	gtagacagg	tactggtcag	atgcacgggc	tccctaaacc	480
cctgctgtgg	cttcggcagt	aaagacagga	cgcacccatg	tcacaagagg	agcacaggca	540
gggggtgttg	tggtggggca	gccctcaggg	tctccagacc	ccagccccac	tcacacagca	600
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ctgcggtcct	gatttcagct	cacctcagag	taaatacagaa	taaactgcac	ccagactttc	1020
acgaatgcat	gttgacgctt	tcagttcacc	cctttctttg	ctaactttct	tcctattttc	1080
ttctaattgc	agagcttatt	aattccatat	ttatcatttt	gaataacttt	tctccttttt	1140
aggttacaaa	agtactttca	ctcttagtaa	aatgtattta	ctatttttagt	aacaaaaata	1200
tacttgcccta	atcatgttta	aaatatagtg	atgtgaaaaa	ttctcgtgc		1249

<210> 5671

<211> 2042

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (513)...(1360)

<223> similar to gi4587223 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5671

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aagcattttc	tgcacctcga	acgtgggggc	gcggtcctta	cgtgtggg	cggtccttac	180
gtgtgggcgt	gccttggtgc	tctgaggggc	gtaacaaaga	tggtggagca	ggcggagggc	240

agaggcgctcg	gcagggttagc	gtgcaggcgcc	gtggcagcga	caggagatgt	gtagccagag	300
cgcagagcag	gtgtggactc	cggcgctggg	gaagcgtggc	cagggcgaga	tttcagcctg	360
ggtcggggac	agaatgggga	ctgatagggg	cgtaacctgg	aatgacgaaa	tgacgtttgc	420
tgcgtagggg	cgtggctaaa	cgtgaggggg	cgtggccaag	atggccgcgt	gtgggaccc	480
cgggtaccgg	gagcgaacga	ggaggttctg	gctcagtgca	tccactctgg	gagagcgtgg	540
acctggttcc	tgggggcat	cgacagtcac	ccatcaacat	tcgggtggagg	gacagtgttt	600
atgatcccg	cttaaaacca	ctgaccatct	cttatgaccc	agccacctgc	ctccacgtct	660
ggaataatgg	gtactctttc	ctcgtggaat	ttgaagattc	tacagataaa	tcagctgcac	720
ttagtgcatt	ggaacgcagt	caaatttgaa	aactttgagg	atgcagcact	ggaagaaaaat	780
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tacctgctgg	aacctcacta	gaattgagag	atcaaattgg	tttggtggtt	ttcccactgg	960
agaatataaa	aaatacacag	ttaattttag	aaacaaaggc	tgggcatgat	tccatcctaa	1020
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aagtctaagt	ggtggttact	acatcagcac	acaaaatcct	gtttaattca	taaactaaac	1860
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tacccccaaa	atataacaat	aggccaatat	ctctaaaaaa	tatgtaacaa	cagaaaaaaa	2040
aa						2042

<210> 5672

<211> 2937

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2761)...(505)

<223> similar to gi3135968 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5672

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ttagaccagg	agcatactag	atccccgatc	tagttactcg	aagcacaagt	tctattggca	120
aaacatgcat	aaacatacac	attctagatg	caacacagca	aatgctgat	gtatagtaaa	180
ccccattca	agaaaatatt	gtaaataatac	aaaactgatt	ataaaacttc	ccaaactacc	240
tttgaaataa	tctactccaa	agccttcatt	ccataaagga	aactaaagct	taaaacagta	300
ggagttttct	aatgtcacag	agtggtgctt	aataacaatt	gggattagtt	cagcccaatg	360

gtactttcca	ttccataaca	tgatagtga	aattttaaag	atttcaaggc	agtttctaaa	420
tccactctga	ttcttcagta	cttaacaaaa	ggacaaacta	aagtaaata	ctcccctaaa	480
tttatgatgt	tcctagaatt	gtcatatgcc	aggatgcagt	ctctgatgtt	tgttgagagc	540
agagcgatat	ctgaaggatt	ttccacaatc	attacatcca	aaaggcttct	ctcctgaatg	600
aattctctgg	tgctgaatga	gatatgtgct	ctggctaaaa	gtctttccca	cattcattac	660
atttatatgg	tttttctcca	gtatgaattc	tttgatgttg	agtcagatga	gtgctccggc	720
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gctgagttag	atgggagctc	tggctaaagg	tcttttcaca	tttattacac	tggtaggggt	840
tttcttctgt	gtgagttttt	tgatgttgag	caagagatga	acaatgtcga	aaggctttac	900
cacactcagc	acactcataa	ggcttggctc	ctgtatgaat	tctcttatgc	tgtgtaagg	960
gtatgttctg	gttgaatgct	ctcccacact	cattacactt	gtaaggctgt	tctccagtat	1020
ggatcttctt	atgctgaata	agggatgaac	cataactgaa	ggttttccca	cattcatgac	1080
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ttcagctgg	atctcgtctt	aggactcaga	tgtctaactc	cccttgccag	gaatctgcaa	2880
cacgctgagg	ttgtctaccc	tggtgcagag	cgtaaagct	ggaagggtga	caagcaa	2937

<210> 5673

<211> 3883

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3848)...(422)

<223> similar to gi396815 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5673

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tggtgggttg	tggtggggga	gcagtgggat	gggaaacaca	cctgtggggc	agctgaacta	180
gaaagaagga	tgcccaggat	agctatgaga	cacctacaaa	gcatgggaac	ccagttcccc	240
taagcccacc	ccatccccag	atcccttttt	ttctccctta	agttaaaaaa	attcctttga	300
ggcagcttaa	gtcaagaggc	ctgtaagggg	tcaagactgg	gtcacagggt	taggacagca	360
gagttttgct	cccggccagc	agagccaagg	ttctgggctg	ggatgggcag	cttcaggggc	420
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ggcaaagggg	ggttcgcttc	atagggacgg	tcccggccagc	actgacgcac	cagctcgtac	600
acttcacgt	cacagtttcg	aggctgctcc	atgcggtagc	cctggggcag	cttttcacag	660
agctcggcac	aggctcatgc	acagtagggg	gtacctccaa	ggctcactat	ctcccaaaga	720
aggactccaa	aggaccagac	atcactcttg	gtggtataga	cactgtagtt	cagggactca	780
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ccgcccgcgc	cacatgagaa	gccaaagaag	ggatggggag	caagaaaggg	ggcaccgcgc	3840
agaccatact	ccagaggccg	acccaggcca	gccaggacga	gcg		3883

<210> 5674

<211> 4588

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (166)...(2962)

<223> similar to gi4240287 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5674

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cccagcgtc	ggaagatgcc	ggcgtgtcc	aagggggacg	ggatgcgggg	cctggcggtc	180
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gccagcgtgg	gcagccggga	gatggccgag	gccttcgccc	gggagatccc	taaggctctc	600
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cagctgctgg	gcagtgtctc	gcctgtgtgc	tgcgcctgca	ggctgcgtgt	gctgcctgtg	4440
atctcctgca	tcccttgacc	cctcccgcga	tcagaggaaa	ggctgctccc	cagggcaccg	4500
cttgccctgt	gcggcgctgc	agagggggcc	tcagtgtggc	actcctcgtc	aaagaaaaat	4560
aaaggctaga	actgcacaaa	aaaaaaaa				4588

<210> 5675  
 <211> 1838  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (903)...(1817)  
 <223> similar to gi57920 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5675  
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 acacttcaca gggagtcctg gatctttcct gtcgtaacc catggacgcc atgattcagt 120  
 atggcggagg tccggggcct aagttcctgt tcatgcttcc taatcattca tggatccatc 180  
 acaatgtgct ctgaagggcc tctcttgctg ggattgagaa ggatacattt tttgagcagg 240  
 tttttatact caatggacat gtagaaggga atatattcta ctcagttccc ctcctgcagc 300  
 tccttgaaat tctgtccatc aaaaacaggg atctgctgac cagaggtgac tgccacagaa 360  
 ggtatccagt ttgtaaaagc tgaattttgt gctgaagcca gaatttgcaa tcttgatggt 420  
 tgtgttaaca tccaacagcg tgttttctgc ctttaaactc ctgtggacaa tacgtttctg 480  
 gtgacagctt gcacagcaaa cacttttggg agaatttgct tcagtccttt ttttctttc 540  
 ctgctgccat gagcaggat tcaaaaact ctcctcctgg ctagtgtgct tcatgacaaa 600  
 gcaaagagat tcctcaatat cgatcacagc aaatgtttca ctatgttggg gtgatccgag 660  
 ccttcattgt tcctactttg tggatggtgt ctggaggaga tctgctgagt ctcattcaatg 720  
 aacttcacag ctgctgcttt cccagttaag aggtcccagg ccaaccttac cttagccagg 780  
 ttgcccttga cgatggtctc aaggatccta gctgccagta agggtcctt ctcagcagag 840  
 atggctgaga ggccctgtgg catgtgagac ttaactgctgg gcttggagtc aagggtgtccc 900  
 aggtcagctt aatttcggga aaaactggta agacgcttgg ttcaaatac ttgaaaagaa 960  
 aatcacttgc atagtccacc tgaagaatgg atctctataa tggaaattaa gcacaatgct 1020  
 ggacaaaaag taagaaaaag caacaaactg aaaggaaaaa ttgagtataa agaataaaga 1080  
 actagaactg gcaacctcag ccaagccagg gaattacata catcttgga ttccaaagca 1140  
 atgcttcctt atgagggcat aggaagaaat aaatctaata acaaggctgg gattaattca 1200  
 cgtggttttc tcacattttg gtctcaagaa ctttttactc taaaactaat tattgaggac 1260  
 cccaaagagc tttttatgtg ggttatagtt atcagtattt actttatttg aaattaaaac 1320  
 ctgtaggatg tttcagtggg cttttctagt ttgaagggtt taataatttt tggcttttaa 1380  
 agagcccata atcaattaaa atattttatt ttccctttaa ttgtaaatga ttggtgtcat 1440  
 aatgatgcta caacttaact ggcattacaa tactatacaa atacgttcta ttgtataagt 1500  
 cacaataagg tacattatta actctataac atttagggga agatagctgt tatcatatta 1560  
 tttaaagttt tgcctagttt cttttagtagta gacttatctt ttccaggagc cagagaacct 1620  
 gctatatcag tttcagtatc tttaaatgta gagattgcag ctgtgtgttg agaaagcacg 1680  
 tttcacttag catgggatgg ggacttcgag gtactggata tgtcactggc acctcagggg 1740  
 aggaaaccaa gatgcccta tatgatttta aacatgggtt attaaagcgt gatacagaaa 1800  
 agtgcacaaa ttgtccacct acagcttggg gactgttc 1838

<210> 5676  
 <211> 1020  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (220)...(767)  
 <223> similar to gill174092 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5676  
 ccgcaaātat tgaatgcttt tcccctaaca caaggataac cactttcatc acttctcatc 60  
 actggctaga gaacctagcc agtgtagtaa gggaagaaaa agagataaaa aacatacata 120  
 ttgtaaagaa agaggtaaaa ctgtttaatg catagctcac ataattagtt ttgtagaaaa 180  
 tcctgtggaa tctacaaaaa tgctcatgaa acttgtgagt ttagaaacat cacaggatac 240  
 aagatcaata tacagaaatc aattgtttta tatactgggtg ataacaāaaa ttaāāataat 300  
 acagtacaat ttaccacaca tcaāāatatg aaatattttāg ggatagattt acaāāaatca 360  
 agacctgttc actgaaāact atāāāacttt gctatcagaa attāāataag acctgaataa 420  
 atagaaagat attttttggt cattgcttgg gaaattcaat attgttaaga tgctagtctt 480  
 ccccaāattg ctctataāat tctatgcaat gtcaaccaaa atctctgctt ttaāāāāaat 540  
 tgacaaactg attctāāāat tcctataāat gccāāāagcc tagaataatg aaagcagttt 600  
 tgāāāāagaa ggagaagtgt gacaagtaca aattttgaga cttattataa agctāāāata 660  
 atccagāāāā tgtgggtattg acataggata catatataga tcaatggaac agagtagaga 720  
 gaccaāāāat agattcaatg tatagggtga attgattttt gacāāāagt gcaāāāact 780  
 ttaatgggga ggatggtagt cttttcaaca agtgatgcta gaacattgag ttctagcacc 840  
 agtagaacta gaatgtggaa āāagtgaact ttgggcataat catgttgāāā aataactcaa 900  
 aatggatcac agacctāagc acaagaactg āāāatataāā acctccagaa gāāāacatag 960  
 gagāāāatcc ttgcaaccat ggaatgagca aagatttttc agggcccca gtgcatgāāā 1020

<210> 5677  
 <211> 2856  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2619)...(2456)  
 <223> similar to gill110587 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5677  
 tacgagtaca gcttccgcac agagcagāgc gcagccgcca ggctcccgcc cagccccacc 60  
 aggtgtcagc agatcccgca gtctgagga gccagcgcc acctgcgggg agaccaccgc 120  
 cgccagact actgacggca ggggtgctg ccccgctc ctctgcccgc ctccgccagc 180  
 cctccctccc aactgcccc agcagggtg gccggagac tgggcagcta agtgggcgca 240  
 tcctgtcttc agctggcctg actgacccc cggcctccct ggggacattg ttcataacca 300  
 tgactaatct gtgtgtgctg tagtgaccag cggctcctaa cgtgtctgtg tgatgaccag 360  
 ttgtcctcca āāāacctcac tcaccacgga gtcaccctga gggccccggg cagttgcctt 420  
 ggccgcccag tgacgcccac cggctccctc cgctccctcc tgtcacctac cagggcagac 480  
 cccactaagc cgttgagtct cttcctggaa gaccctgagg gccggcagct ttgcctagga 540



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cctgcccttt	tggacatccc	atggacttgt	cacccagtcg	cctggaagtc	ggggagcagc	720
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cttggatcca	ccaccaggac	gctgtgctcg	gccatggcgc	gcctccccc	agggctcatc	840
tgtgcaacaa	ccacatgcc	acaatagctc	caggtgcctc	agccccgtgc	cctgacccgg	900
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ccagccccct	tcagagccag	gcgtgtcttg	acggtatctg	ctgacgggaa	caagtcattc	1020
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cactggtgct	ggcgctctca	aagtgcgggg	cgccaagtcc	agccccaggt	gcgtttgcct	1140
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ggaccttgct	atgggactga	tgtctgagcag	ggagggggct	gccaggtgg	ctgccgatgc	1740
tcggttcaca	taagccagtg	tggttctggg	gacctgagga	gccctgtggc	acccacaggg	1800
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ctggcagcct	ctgtccctcc	agaacggcta	accagagcac	actgtcccca	ccgcctcccc	2820
tttctctctg	gaaagttgaa	gtatctccaa	aggcct			2856

<210> 5678

<211> 3556

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3486)...(1910)

<223> similar to gi2264346 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5678

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gcaatctaaa	tgcaccataa	atztatattt	gttaatcttg	atattagaac	atttttacat	180
ttcaaactac	ataaaaaat	aacaatataa	aatagaaatt	tgttgacaac	ttacgtccaa	240
aacatcacta	tttcttatat	tgcaactaag	caacaagaca	gcttacacag	ctctccagaa	300
aacatagtgt	tttttgtgtt	atcaacaaaa	atcagcacaa	tcccacacaa	taatgtcttc	360
aattttattat	cttttccaca	gtacacattt	ttcacaaacc	gtaaatcctt	tgcagttatt	420
caaagtgtgt	aaacaattgc	ctgaatcccc	atatcccccc	ccctcggtt	aaggttgtga	480
atgttttaag	tccttcaatc	aagtttcaac	tcttccactt	gcataaggaa	tcaagagcct	540
tctctcttta	aaatatgtgt	gttttatcat	acagcctgca	atgcagtaaa	tcacagtga	600
agccctgggg	aaaacaaaac	aacatgatct	ttacagcggg	acttgaaact	tcacaatagt	660
aaatgcagtt	caagaagctt	cccataataa	aagcgcggtt	tttcatttcc	agaaatcaag	720
tcaattagaa	accctagggt	ctacttaaaa	acccattttg	atttaaaagt	gaaaacagtc	780
ccctatccat	agtcatttta	taaactctat	acagtttcac	ttgcagagat	tttttttttt	840
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ggaaagctgg	ttcatgctac	aggatttctc	caaaatgcca	ttgtacactt	tgcttgcaag	1560
actgaagatc	atactcttag	tttctgtcag	acctacacag	tcgggagaa	cccaagacac	1620
atccacagtt	acaggcgaat	ccctcggtga	ggaatcctct	agggacacct	catctcttga	1680
tatctttcgc	ggagataatg	tttggtatat	ctcgaggctt	aaaggaggag	actgtttcct	1740
tccaatggaa	gaatttaagg	agtcacattc	tgaagctgtg	tctggcactt	cccattgctt	1800
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tgacactgag	aggatatctg	gatcagggga	aggcaaggag	tgtggtgtgt	gttgcggtgtg	1920
gtgagggtgc	cgagggtgtg	acgggtgggg	ggcgtgtgga	gcaagctgag	ctcgctgagg	1980
ctgaggcgag	gacggcacaa	tgctgcggcg	tgaacggcac	aggctgctgc	ttctggctaa	2040
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caccagctg	tgatcagaat	aaagggaaga	ggtcaggctg	gggagtcctg	agttatgggc	2220
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accatctttg	tcacatcca	tttgtttatg	tattgtttga	agagcttcca	gactaaatct	3360
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<210> 5679  
 <211> 446  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (150)...(24)  
 <223> similar to gi3649785 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5679						
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ggccactgta	cattgcaaaa	aaatgggaca	aaagacttag	tggaaagggg	ataaaaagctg	180
atgaagcaga	gcctgaggat	tttgtggtgg	aaaaagtact	acaccaaggt	gtggtgaatg	240
ggaaggtgga	atattccctg	aagcggaaag	gatttacact	tgctgacaat	aattgagaac	300
ctgaagaaaa	cttagatttt	cctgagttca	ttgaactatt	tcttaatcct	caaaaaaact	360
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aaatgaaagg	gatgctgctg	aaaaac				446

<210> 5680  
 <211> 1979  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (405)...(1824)  
 <223> similar to gi4154598 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5680						
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tacctctact	aatctaat	tgccgcctaa	aattaatgaa	gacagatagg	attgtagggtc	180
agaattctgg	aacatctatg	aaagacttac	ttaaatttag	aagacagtat	tataagaagt	240

ggtatgatgc	tctgtgtttc	tgtgaaagt	gggcttcccc	agaggaggta	gctgacaaag	300
tgctgaatgc	aattaaaaga	taccaagatg	tggactcgga	aacattcatt	tcaacaagac	360
acgtttggcc	tgaagactgt	gaacagaagg	tttcagcaga	attctttatt	gaagctgtaa	420
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gctgcgggga	gtggaaaagc	ctagtaggag	caacctacgt	agaaagagca	cagatactgt	540
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ctgcttatgg	ggaaaacttt	gcctgctcaa	aaattgctcc	tgtcaggcac	ctttcaggca	660
accagttcat	cctggagttg	tttcatggac	caacaggatc	atttaaagat	ttgtctttac	720
agcttatgcc	tcatattttt	gcacaatgta	tcccaccaag	ttgcaattat	atgatacttg	780
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atgataagca	aaggatagct	gtggttgcat	tttttcctga	gaatggagta	agtgattttc	900
aaaaagcaca	aataattggc	agtcagagag	aaaatggatg	ggcagtgggt	gttgagtcag	960
attttgattt	ttgccagaca	gctataaaaa	gaatttttaa	tgattctgat	tttactggct	1020
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gattttgtag	ctgactgggtg	ctctgagggg	gagtgcctag	cagctattaa	ctccacctat	1560
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catgtggaac	aacttgtcca	aatcaatctc	atatgaaagc	tttcagagta	aatttttttt	1920
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<210> 5681

<211> 4567

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (329)...(3922)

<223> similar to gi3882179 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5681

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atztatgtgg	caattgtgta	gttgatttcc	cagtacatta	ccagatccta	aagctgtgtc	180
cttaatgaca	gcaaagttaa	gcacttcctt	tgtcctagag	acattttatt	attctaaaga	240
aaagcccacg	atgcttcagt	ggattgaact	gttgacgaaa	cagtttaata	atagtcaggc	300
agcttgtgag	tggttttttag	atcgatggc	tgatgacgac	tggtggccaa	tgcagatact	360
aattaagtgc	cctaatcaaa	ttgtgagaca	gatgtttcag	cgtttgtgta	tccatgtgat	420
tcagaggctg	agacctgtgc	atgctcatct	ctatttgcag	ccaggaatgg	aagatgggtc	480

agatgatatg	gataacctcag	tagaagatat	tgggtggctcgt	tcatgtgtca	ctcgcctttgt	540
gagaaccctg	ttattaatta	tggaaacatgg	tgtaaaaacct	cacagtaaac	atctttacaga	600
gtatctttg	ttccttttacg	aatttgcaaa	aatgggtgaa	gaagagagcc	aatttttgct	660
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agaacatatt	gtatctatgc	ttttcacatc	aatagcaaa	ttgactcctg	aggcagccaa	1080
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aaaaaaa						4567

<210> 5682

<211> 3213

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3046)...(644)

<223> similar to gi5457357 in the genepept database release 114;

Run with FASTXY 3.3t00, default parameters

<400> 5682

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ctctcccata	acttctttag	gttcactagc	tttttttcca	ttttttccat	taggaaagta	2820
ttttccaaat	ccttttgggg	gtcgagaaca	gaatctttga	taagcagcaa	ttatatctgt	2880
caaaagagaa	tttctgctgg	cccttgcttg	agttgtaaca	aatcggtaaa	gcgtccggag	2940
gcagggtgct	tcgcccgggc	ccacgcggcc	aggcacgagg	agctgctgta	ggccgcgggg	3000
ccagcagccg	ccccggcccc	acagccgcaa	acagcgggtg	gccatggccg	ccgcccgtgg	3060
cctctcggcc	cgggacgctg	cgcaggcgcg	ggcaggcgac	gactggcggc	ctcgggaagc	3120
gggctcggct	cggggaaagg	ccgccaggca	gcgaagcgcg	ccggcggtct	acggaggagc	3180
ccaagctctc	aacgcggcgt	ctccctcgt	gcc			3213

<210> 5683

<211> 2896

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (390)...(995)

<223> similar to gi4262296 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5683

ccatatatgg	taccttctcc	cggatgggaa	catacaaagg	ggaaacaact	gcctgaggtg	60
ggaagggtgac	agtactacct	tcttctagaa	aacaaagatt	gttcaaccac	caccatgaga	120
acagggtggaa	aatatctcta	tagaccacac	ctggcaatga	agtataaaca	tcgcaccccg	180
cagggcttct	cttggtgccc	tagttgggtt	catttttgtt	tgtgactatg	aatgggaaga	240
agtcacaccc	tgtaaccact	ccaactccct	aaggagtcac	ctcttcttta	aggaatagct	300
ttcccttgta	tctaaaaaac	ttggaactga	catgaatgaa	cgttggccac	tcttaccctt	360
ccaggggtca	caatctataa	cgcctaggac	ccaagaatat	cagaaataag	taagcaataa	420
aactaattct	ggcaggaatc	aggggtggca	taggactagc	agcaccctgg	ggtggctttg	480

cctaccatga	gttaacgcta	aagaacttgg	ctcaaatacct	agaatcctta	gccaccaacg	540
gagatcaggg	attaaagaga	attcaagagt	tccccagact	ctggaaaatg	tagttgttga	600
taacagacta	gcattggatt	atttactagc	tgaacaaggt	gggtcttgt	gcagttatta	660
ataaaacctg	ctgcacatat	attaactctg	gacagggtga	ggttaacatt	caaaagatct	720
atgagcaagc	tacctagtta	catagatata	accagggcac	tgcccccaac	tatatctggt	780
caaccatcaa	aagtgccttc	ccaagtctca	cctgtttttc	acctcttcta	ggacctttga	840
caactgtctt	gttacaaatg	tttggtcctt	gcttctttta	cctcttagta	aagtttgtgt	900
attctagatt	accacagttc	cagagacaat	gctggcacaa	ggcttccagc	ccatcctgtc	960
cactgacacg	gagaatgaaa	tcgtcctgcc	tctgggctcc	ttagatcagg	tatccagaga	1020
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ggaaaacaga	tctccgccct	tctgcagccc	ccttaagatt	aaggaggagt	atctaattctc	1140
tgaaggggga	atgaggtagg	aggtgggact	caactctgga	agtggggctc	aggcactcag	1200
accaaactga	gcactagcta	aaataggtcc	agggcagatg	ctagtttcca	taggacacac	1260
cgacctgtgt	caagtcagtt	caccatgggc	tcctgggcag	caccaggaa	gttaccaccc	1320
tcacctggg	aaatgtcttg	cataaactgc	cccttcaatt	tgcatataat	taaaagtggga	1380
tacaaatacc	actgcagaac	tgctctgag	ctgctactgt	gggcgcacag	cctgtagggc	1440
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tcccgggcta	tgcttcaatc	ttagggctcg	cgtgtcctgc	atcactggga	tcactctcca	1620
gtaaaactagc	cacacttaca	tccatgtgtc	agggacattt	ctggagaaag	cagcccagga	1680
cactgttgaa	taaaacacac	aatagtctct	gtggtcttct	ccaccccacc	ccacaccagg	1740
caccctcagc	ttgattctcc	tttttaattg	cctgtaagca	gggaagcaca	atgttttcac	1800
attctttgta	aggcctttgt	tctactaaaa	tctaacctca	gagcacaatt	ttaaactaga	1860
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ccagacaccg	tcactcctca	ccctggacac	ctcactctgc	acctgggaca	ccctcactca	2040
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ggataccctc	actcctcacc	ctggacaccc	tcactcaccc	tggaacacct	cactcctcac	2160
cctggacact	ctcactcacc	ctgacacctt	caatcctcac	cctggactcc	ctcactcctc	2220
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ctcctcacc	tggaacacct	cactcctcac	cctgacaccc	tcactcctca	ccctggcacc	2340
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tctgtctagt	tgactgttgc	ataccagggc	ttagaccaag	gccctgacat	gcagtaggtg	2700
cttaatatgt	tttgaggcaa	ggtcttgctc	tggtgcacat	gctggagtgc	agtggcacaa	2760
tcgtaattca	ttgcagcctt	gaactcctga	gctcaagtga	tcctcctgcc	tcagcctcct	2820
gagtagctgg	gactacaggc	atgcaccacc	aagcttgggt	aatttaaaaa	aaaaattata	2880
tagataggga	cttgcct					2896

<210> 5684

<211> 3328

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3019)...(1805)

<223> similar to gi4098299 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters



<400> 5684

tttttttttt	ttgagatttt	caaaatattt	ttatatagaa	atttttttaca	aagatttttac	60
aacatagcaa	atcattatgt	catactgtag	aaagatgaag	caaaggatta	aactccaagg	120
ataaagaaag	tgctcatagc	aacgtattgc	agtcctccatg	aaagtgcata	taaacgggta	180
aggcaaagta	ccatcttggt	acagacatgt	tgcaaactga	cttttaaaac	aatttttttaa	240
aatatatata	aacttttttt	cttctattct	tctcaaaggc	atttgaaagg	gatactttta	300
tgaatattct	tgctgtagaa	caatgtagaa	ataacttctg	gggtataaaac	agtaaaaata	360
aaaatattct	acctgagtgt	gttaaataca	gtgatttgta	aaacaaaaacc	ttcacaaagt	420
tggtctttct	acatgtaact	tgccaggctg	aaggcttaca	ccctcatgtt	ctacaacaca	480
gatcactaat	gatgataaca	tgagttaaat	tggtattctt	gcccttctgt	gtggcttttg	540
gcttctagg	tctatgacca	aactattgac	atatttgaag	tctgtatgca	gtcattgtgt	600
gataaatcta	ctttacagct	ttgcttctac	ctgcagctta	catgataacc	atgctgtgaa	660
gtgctacata	tgcttcatac	aatatgttgc	cccatctgat	aataaaaata	caaagggtgt	720
ctttaagcta	aaccataaac	cttatttagag	aattctagtt	aagtgttttg	tttttccaca	780
tacatgtaaa	taccttaaga	tcaataggat	caataaggat	aatattagtt	atcaaaattt	840
agtcttcata	cttgaagaat	ttgtttttta	aaataactaa	gatgcaaaaa	aataaattag	900
ctagtcttga	acaagagtga	gttttgcaga	aaactgacat	atctgaattc	tagtacagat	960
aagaatctgt	caaatgataa	ctgaattcac	gtgactaacc	actctttttac	gtaagattgt	1020
atctactcat	gagaaatagg	ggaattcagt	gttatcatta	tagtctccgt	atttaaactg	1080
agtttttctt	ttccaatttt	ttttccatgc	ctcaacataa	gggaaattaa	tcagttaatt	1140
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agagcaaaac	acccagccat	ttattggaat	tctgcagtac	aaaataagca	catgtgctct	1260
atataatcta	gtaacaggat	agcaacagtt	aaactgtctc	aaacaacaga	tgtatttgct	1320
tgattttcct	tectaacttc	ttttgcatca	ggaccgcaag	caaagagctt	gtttcccaga	1380
gtattttggg	caaatcgga	atacataatg	tggcccattg	ccacaaagga	gactgaaatc	1440
aatacgagca	agccaaaagc	ttcaggattt	ggagccagga	tgacctgat	gaaatgcaga	1500
agatcaagaa	gatagttcat	ggagtctctg	acaccattta	taatgcctct	ttcagattca	1560
attacatttt	cttgagcaa	ctgtgtcaca	gttaaataca	aggaccaaag	accgatttcta	1620
gcagcaatga	cgctgcaaa	cagcagactg	acagagatta	tgggcacaga	ttcaggactt	1680
gtctccggga	caatatttagc	agaatttagac	ccattagaca	tgtatatattc	agttgtaatt	1740
tcaggtatct	tggtaggtgt	aattgactct	ccttgaatga	accttgatcg	gatatcttca	1800
aaaggagaaa	cggacaagtc	cagggggctt	ccaggcatga	atacagagat	cacacacaag	1860
atcaaacagg	aaagctgtgc	caatcctgag	atcagacctg	tccgaaccaa	accacatttt	1920
cgacgtagcc	aagtaaaagc	tacagttccc	attattccag	ttatagctga	tgctcccatc	1980
aaaataactga	ggatggaacc	actcagtcce	tgagtgtagg	cgtaccctgt	ggtgatgcag	2040
tcaaagccca	ggacagtcac	ataaaggaaa	gcaagaccca	tgccagccag	aaacacaggc	2100
tggttgtagt	aggagaccca	tccatctcgg	aaggtagcga	agggctcagc	catctggggag	2160
gcacaagtag	gctcttgctc	atgttcaagc	tcattggatgt	tagagtcttt	cacacccatt	2220
agatgagttc	cctccagggg	ttttggctca	gtatctttgt	gtaaattcag	ctgtttcaat	2280
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ttccagagca	ggacgtactc	cacgcacatg	gataccaagt	tccatcccga	aataaagcca	2400
cagccgatga	ctggggagcc	aaatgtcata	atctggccaa	cagccatggg	ggctaagatg	2460
ttggttaact	ggtcaatcct	tcgtattgtg	gcattcatat	ttgctagttt	gcttctgtct	2520
tctcctgcaa	caacaacaat	ccaatccctt	tggattgtga	ttgcagtagc	agtactggcc	2580
aaatttgcaa	tatttgcaat	agtgatgatc	aggatatagc	aggaagtgag	aacctatcca	2640
tggtagatgg	tcagaagctc	atgtttatgt	aagaaaacca	tcattcaggat	gattccacac	2700
aggatgactg	aaacattctg	taccaccagc	gaggtctggg	ccactttaag	tctagcattc	2760
ttgtccaccc	agtcaccgat	gatggctccc	aggaccagaa	cagaccctgc	caccaccagc	2820
ccgtagactg	ctgtcaaaag	gaggctgttt	ccatagagct	ctaccagaaa	cacagacacc	2880
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ccgcctctgg	tcatgacact	aggcgacccc	gctggctctt	ctgcggctgc	tatcgtgtgt	3060
gctgctctcg	ctgaggtgct	tgtaaacagg	agtgaagga	actggagata	gcacctctaa	3120
aaacacaaca	gccttgggca	aaaagactac	aacgacgact	ttggcaaaga	acaaaagaaa	3180

aggggcccag	ggatttttctt	ttttccttct	ttccaaactt	agctaact	gtagctgaag	3240
ttggaaaggc	aaagccttat	ggaagcggtt	tgggaggctc	agcaggctcg	ccgagcctag	3300
cggacgcctt	gagccagctc	ctcgtgcc				3328

<210> 5685  
 <211> 1727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1728)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1363)...(1553)  
 <223> similar to gil770466 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5685	
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tgccgagctg	ctaggatgga gcaggttgcg gaggagcaa gggtgaccgc agtccctgtg 120
tcagctgccg	acagcactga ggagttggcc gaagtcgaag aaggagttgg agtagtgggc 180
gaagataatg	acgcagccgc gagaggagcg gaggcctttg gcgacagtga ggaggacgga 240
gaggatgtgt	tcgaggtgga gaagatcctg gacatgaaga ccgagggggg taaagttctt 300
tacaaagttc	gctggaaagg ctatacatcg gatgatgata cctgggagcc cgagattcac 360
ctggaggact	gtaaagaagt gcttcttgaa tttaggaaga aaattgcaga gaacaaagcc 420
aaagcagtca	ggaaggatat tcagagacta tccttaaata acgacatatt tgaggcgaac 480
tctgatagcg	atcagcaaag tgagacaaaa gaagatactt ccccaaagaa gaaaaagaaa 540
aaattgaggc	agagagaaga gaaaagccca gatgatctga aaaagaaaaa agcaaaggcc 600
gggaagctaa	aagacaagtc caaaccagac ctggagagct ccttggaag tttagttttt 660
gatttaagga	caaagaaaag aatttctgaa gccaaagaag aactaaagga gtccaaaaag 720
cccaaaaaag	atgaagtaaa agaaacaaaa gaattaaaga aagttaaaaa gggtgaaata 780
agagatttaa	agacgaaaaa aagagaagat cccaaagaaa atagaaaaac aaaaaagaa 840
aaatttgcg	aatcccaggt ggaatctgaa tcaagtgtac ttaatgattc tccctttcca 900
gaggatgaca	gtgaagggtt acattccgac agcagagaag agaaacaaaa cactaaaagt 960
gcaagagaga	gagcagggca ggacatgggg ctggagcatg gctttgagaa gcccttagac 1020
agtgccatga	gtgctgagga ggataccgat gtcagaggca ggaggaaaaa gaagaccccg 1080
agaaaggctg	aggacactag agagaacagg aagctagaga acaagaacgc tttcttagag 1140
aagaaaactg	tgccataaaa gcagaggaat caagacagaa gcaaaagtgc tgcagagtta 1200
gagaagctga	tgccgtgtatc tgcccaaacg ccaaagggcc ggaggttgag cggggaagag 1260
agaggcctct	ggtccacgga ctacgcccag gaggacaaag aaaccaaag aatgaatcc 1320
aaaaagccca	aaaaagatga agtaaaagaa acaaaagaat taaagaaagt taaaaagggt 1380
gaaataagag	atttaaagac gaaaacaaga gaagatccca aagaaaatag aaaaacaaaa 1440
aaagaaaaat	ttgtcgaatc ccaggtggaa tctgaatcaa gtgtacttaa tgattctccc 1500
tttccagagg	atgacagtga agggctacat tccgacagca gagagaagag aaaagcccag 1560
atgatctgaa	aaagaaaaaa gcaaaggccg ggaagctaaa agacaagtcc aaaccagacc 1620
tggagagctc	cttggaaagt ttagtttttg atttaaggac aaagaaaaga atttctgaag 1680
ccaagaaga	actaaaggag tccaaaaagc ccaaaanaaa aaaaaa 1727

<210> 5686  
 <211> 818  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (337)...(279)  
 <223> similar to gi4691243 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5686
aagaccacat ttccctcatc cctgtgtccc ttgcggcagt tgcctgaggt cagaggggtac      60
agtgggtcaac ctctgactga ccctctcatc tctctttgca gatctcataa gtgcagggga      120
aaggggtggg gcagcagctc ctatccttcc ctcccagccc tactccgggc ccggtcagct      180
cctggccact gtactcaccg aagctgtggc ccagaatgga gaatcgattc catttcaagg      240
ctggaaatgc aaggagccag aaggtccggc tgggcacagg ctcagcccac gatcttgctt      300
ctagtcccca ggctcaggaa atcccttccc agcatctggg gtgtccaccc aggagactag      360
cttggggggac ccactggagg aagcgaactc ttcaactttc ccaagatctc ccgtgaattg      420
ctggcagacc tggggccaga gcccaggccc cactctcagg ccagcgctgc ttcctggatc      480
ctaccccgcc tccagtgaata agagggggtg ccctagagca cccccacac cgccgaaaat      540
acacactctg tttcttacct gccacaactc ttcggatctc actcacaaaa gtctggaggt      600
aatatgggac acctgggctg taatgggacg agagcccatg acctccgaaa tccatggcaa      660
cgtaataaaa gtctgattca gtgaataaaa cctaatagct cccggaaata aaaaaataat      720
actgcctaaa cctcccgggc cgcttggttat aaaggggccc atcaacaccc ccaaataacc      780
tttgtttgtc tattatagat cccaaccttt tatgtttg      818
  
```

<210> 5687  
 <211> 1836  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1786)...(0)  
 <223> similar to gi1006659 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5687
tttttttttt ttgaaggaaa ggaactttca atgagaaatc aaaacacagg ggaaccaaag      60
tgcaaatcat ccacccccca tggggggggc aatcctgaac cccacatcat cccctcagcc      120
cccttcaggc ccccgagcga ggcccagggc tcggatgctt ctgcctcagg tagctcttga      180
  
```

gctgggggca	ggccctctct	gggacctcca	gtttcttaga	aaggtagacg	gcagggagct	240
tgaagcccat	tcagggccta	gggtgccgtt	ccctcagggg	cccttcgagc	ccagtcaggc	300
acccggggcg	tcccggcagt	aaatgcccag	ccgttcccgc	aacaccagca	ccaccctctg	360
ggcaagggtc	tcgagtagtg	gcgctagagg	cagcctgggc	cctgtgggca	ggacccttgg	420
tgggtatggc	aggaaggggt	cctgggtcct	cacgggaagc	acagcaccag	agctgctggc	480
gcacagcagg	aagtctgtgc	agtagcctgg	aggcacagtc	aggtcctggc	ggtatttctc	540
ctcccccagc	agctggcgca	accctcagc	tactatgtcc	ttgtgactgt	acttgcagcg	600
ggcacggtcg	gtgatgagag	gctggggaaa	gatgggcact	tgctgccttc	ggggaaggcg	660
gggaccccg	tatcctggga	gctccagctc	cacggccgtg	tccagcaggg	agaggtagcg	720
acgcacaatc	agagcatgag	gggtgccact	gatgtagttg	atgaagccag	gggaaaaaac	780
aaagtgcagg	gctctgaagg	gcaggcaccc	cagttggcac	agtgacatca	agatgttgac	840
tgtagccagg	ggtgccaccc	ctgcttccc	agccaggatc	ctctcaaggc	agggcataaa	900
ctgctgttcc	aggggcaggt	agttcagtcg	cccaaagggc	aggaccaact	tctgtaccac	960
cttgcctgct	agttgcgttt	cctgaaccac	caggaagtgg	gcaatggctt	ccagaagctg	1020
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cagttcctct	ggccttgcc	ctgccaggt	gctgatcaga	tgctgccgtg	gataccgcag	1140
aaaacggggg	cagcttagag	cagcttccaa	cccttgccca	cctcggagaa	ggggctgcaa	1200
agggggaggt	ggcttcggag	ggaggcggag	ccctcgctcc	tgttccaggg	cacacaccag	1260
gggaccatca	gatggaaagc	caagtaagac	tgcaaggtgc	agacacacgt	ggatggtgtg	1320
aatgtcaaag	gaggggcagt	ttcggatgat	gagctgactc	aagtccctgca	gtgtgacctg	1380
ctccacagga	gggggcccgt	gccgagaccc	caagagctgg	cccagacgac	gaagcgccac	1440
cgagtagtgg	tgggcgcgca	ccttgctggg	gttctggccc	agccagcgca	gcagctcccc	1500
agggctcttc	gctgttcca	gaagccgctg	cagtccttgc	acaggacctg	cactggggcc	1560
tcctccaaca	ggccggtccc	cccatttgc	gggccccaaa	cagcagggtc	gtactggagg	1620
gatcagcagc	aggccagaca	gccgagcagg	ggaggtctga	gcagagagca	ggactcgaag	1680
catggagttg	ggtgatggag	accatgactc	cccgggccct	gcgcaggtcg	ctccctcagt	1740
cgggtctcggg	gcccgggggc	cgggttcccc	ccgcggcctc	ctcatcgggt	agccaccgag	1800
tccgccatct	tccccctcgt	gccgaattcg	aatcga			1836

<210> 5688

<211> 1450

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (667)...(1239)

<223> similar to gi4826524 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5688

ccactctgct	cagctccgct	ccaggaaggc	cacctcctcc	tccccctect	cctcccgtg	60
tcaccactca	ccgctcataa	cctcaagggg	gtggggaccc	cagggctgga	cacacccac	120
cgtggcccca	gagctcagcc	ggtcgcacgg	acggacagtt	ggaagccgga	ccccagagcc	180
tgaggtgggc	agtgtgccag	ggtcccttgc	ggcctctca	agccctgtcc	aggctatggg	240
catcaagaca	gcattgccgg	cggctgagct	gggcctctac	tctctggtgc	tgagtggggc	300
cctggcctat	gctggccggg	gcctccttga	ggcttcacaa	gatggggccc	acaggaaggc	360
cttccgggag	tctgtgcgac	ctggctggga	gtacattggc	cggaagatgg	atgtggctga	420
cttcgagtgg	gtgatgtgg	tcacctcctt	tcgcaacgtc	atcatctttg	ccctctccgg	480
acatgtgctg	tttgctaaac	tctgcacgat	ggttgcccca	aagctccgct	cctggatgta	540

tgctgtgtac	ggggccttgg	ctgtgatggg	cacaatgggc	ccttggtacc	tgctgtgtgt	600
gcttggtcac	tgtgtggggc	tctatgtggc	ctcgcttttg	ggccagccct	ggctctgtct	660
tggccttggc	ttggccagcc	tggcctcctt	caagatggac	cccctaactc	cttggcagag	720
cgggtttgta	acaggcactt	ttgatcttca	agagggtctg	tttcatgggg	gcagcagctt	780
cacagtgtctg	cgttgccacca	gctttgcact	ggagagctgt	gcccaccctg	accgccacta	840
ctccttagct	gacctgctca	agtacaactt	ctacctgccc	ttcttcttct	tcgggcccct	900
catgaccttt	gatcgcttcc	atgctcaggt	gagccaggtg	gagccagtga	gacgcgaggg	960
tgagctgtgg	cacatccgag	cccaggcagg	cctaagcgtg	gtggccatca	tggccgtcga	1020
catcttcttt	cacttcttct	acatcctcac	tatccccagc	gacctcaagt	tcgccaaccg	1080
cctcccagac	agtgcctctg	ctggcctagc	ctattcaaac	ctggtgtatg	actgggtgaa	1140
ggcggcgctc	ctcttttggtg	ttgtcaacac	tgtggcatgc	ctcgaccacc	tggacccacc	1200
ccagcctccc	aagtgcacac	ccgcactcta	cgtctttgcg	gaaacgcact	ttgaccgtgg	1260
catcaacgac	tggctttgca	agtgagtagg	agtgggggtg	gggtggtcac	agccatcttg	1320
ccaggtgtct	gagcagggga	gtgccaagat	gggtccacat	tttaaaagat	cacccctggg	1380
ccaggggaag	caaagagggc	agtgaggagg	tatttgcaga	gggtctggtg	aaagatatag	1440
aagttaggac						1450

<210> 5689

<211> 1883

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1884)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1113)...(971)

<223> similar to gi4335756 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5689

actcaccaac	cctccccttc	caaccagaga	aactcactgc	agtatctcct	tgaaagtctg	60
gtgacgtgtc	tgtctaagtg	ctgggtgagag	gcacaggacc	aactgagggc	ctcacgcagt	120
acccttgccc	acaggggtgcc	cgcctaagcc	cacacctgct	gactgcaaca	agcccatggc	180
caggacggaa	cacagagaag	ggtctgaggc	ctggagcgcg	ccatgaaggc	catggggcaa	240
gtgaggtctg	ctgagatagc	gcaggtctgc	ggagctgaag	tgcagctgca	gaggctggtc	300
tgggtgctcg	agaactggaa	gaagctggga	gctgtgggtc	ctgtccacag	agatgctgga	360
aactgtggct	gggagtggtc	ctgaggccgt	ggagagagag	catctctgcc	ccacggcatc	420
tgcgggtgag	ggcaagggtc	tcaccagaca	agtgcagctc	caagtccag	atgttgggct	480
ttttcttggg	actgagacag	cagtggggca	gggtggggca	gtggcaggaa	ggcagggagc	540
ctctcttggc	acctcttctc	catgctctgc	atctgcagac	tgagggaggt	gaagctggcc	600
aggaggtcag	tcacttcac	cacctgctct	ttggtactgg	tcactctgcag	gcgggtgcag	660
aggtcatcca	ggcgttctcg	ctgctcatgt	tgccttaggc	gctccagata	ctccctcagc	720
atatggatga	tctgcttcac	ctccagacgc	acagccttta	ggcactgggc	atggccctcc	780
tgcaggatat	tcagctttga	cttggccagg	tgcaggggtg	tgcgaccagc	tcggtccagg	840
gcactacac	gggcccctcc	tcgtagcagt	gtggtgatga	caggaacgtg	gttggtgcag	900
gccgccaggt	gcagtggcgt	gttccccagc	ccatctcgct	ggttaggatc	agcaccatgg	960

tccaggagca	gctgcacaat	ctggtcattg	ccattgcatg	aggcaaagtg	tagagctgtg	1020
cggcccttgt	catcagctgc	acagggatcc	gcgccatctt	ccagcagctg	ctgcactgtt	1080
tccacatcat	tggcattggc	cgagtccttc	agtctcttca	gagcgtgcac	ctccttgccc	1140
gtgggaggat	gcatttcctg	gctctgaggt	ggcctggact	ctgtggcttg	agctgccctc	1200
ctcaactcca	gtttcctgct	ccatcgctac	acctccaacc	tcctctcccg	tcacctgctc	1260
ttctgttata	cagacccggg	tgaggacatc	aagccctcct	gaacaagctg	ggataatctt	1320
cctggcgaaa	gatccttaac	ttcattacat	ctgcaaagcc	cctttggggc	atacaaggta	1380
atthttgacag	gttcctggga	ttaggacatg	ggcatcttgg	gaggccacta	ctggcctacc	1440
acaactgggg	gnagcaaaac	taattacacc	ctccggtata	atagtttttg	gtgtttcaat	1500
gactgggagg	aaaaggggtt	ggaatttttt	ttgctttggg	ggtccctctt	aaccttgtat	1560
ttttaagggtc	tgggactcac	caaccccttc	cccttccaac	cagagaaaac	tactgacagt	1620
atctccttga	aagtctggtg	acgtgtctgt	ctaagtctg	gtgagaggca	caggaccaac	1680
tgagggcctc	acgcagtacc	cctgggagtg	gcttcttgag	gccgtggaga	gagagcatct	1740
ctccccacgg	catctgcggg	tgagggcaag	gtcctcacca	gacaagtgca	gctccaagtc	1800
ccagatgttg	ggctttttct	tggtactgag	acagcagtg	ggcaggacgg	aacacagaga	1860
agggtctgag	gcctggagcg	cgc				1883

<210> 5690

<211> 1633

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (591)...(1277)

<223> similar to gi3874290 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5690

ggataaacat	ctgtagcacg	cttacgcca	gcttggcacg	aggggagatt	gacgcggcag	60
tgcacacctg	ctggtacgag	caaaagtagc	cgacaggcca	gagtttccag	tttcggtggc	120
ttcgtaggct	tttagcttct	gaaatccgct	aaaagcggcg	gttcattcat	cttcaagtac	180
ctagcctgac	tggtagggct	gctcagcatt	ccgaaacatt	tcgacctggg	gagggggggc	240
gcggtgaaag	aatactttct	gtagagagtg	ccctcgcgt	cgccctgct	ttgaaggctt	300
tatgtattaa	cggaatgccg	aacatttgtg	tcctacttgc	tgacagcgca	caggatcctt	360
ctaacagtat	ttctcaagta	cttaacaaaa	agatgaaaac	ttgaagtcca	agccgtgctg	420
ctgattccgt	ctcacagttt	aaagactgtc	cagaaacttt	aagctttcaa	aactgtacat	480
tttaaaatcc	tgtgcgttta	tcttcatttt	gctgggcaga	aagccaaagt	actggactgc	540
ctggttcagg	gctgaacgcc	tagtacacct	gctaacttgg	agcttcagag	ccatggcaac	600
caaggagtca	agagacgcca	aagcacagtt	ggccctctcc	tcacgggcca	atcagagcaa	660
ggaagtgcct	gaaaacccaa	actatgctct	caaagtact	cttgtgggac	acacggaagc	720
agtgtcatca	gttaagttta	gtcctaattg	agaatggcta	gcaagttctt	ctgctgatag	780
gctaatacata	atttggggag	catatgatgg	aaaatatgag	aaaacactct	atggtcataa	840
tttggaata	tcggatgttg	cctggtcatc	agattccagt	cgtcttgttt	ctgcctcaga	900
tgataaaact	ctaaaattat	gggatgtgag	atctggaaaa	tgtttgaaaa	cactgaaggg	960
gcacagtaat	tatgtctttc	gttgtaactt	caatagcatg	tatattttac	acactttcat	1020
gaccattaat	catctcctaa	aactggggaa	agctctctaa	aacctcttaa	gagtaacctt	1080
atccgttacc	ctattccacc	aacctctttg	tccttttctg	tttcaagcaa	ctttgagata	1140
ccgacttctc	tatggaagct	taagccgtag	atgctaaaac	aaacgtttgc	tcgttactcc	1200
cagcagagca	ccggctttta	aaggacctca	acagacacgt	ttcttaacct	ttacgaaact	1260

tttccagggg	aaacttaaac	caggaat	ttt	acaatctggc	ataaattctg	tcacccgccc	1320
cgtgactcca	tgcacacaca	tgccacctgg	ctccacacca	caacaaacag	gagggagcgg		1380
aacccatgca	aagcaggagc	ttcccccggt	tccggcgctct	gggtggatct	acgttagctg		1440
ccgttttaggc	agcttacgcg	tcaggtgtgg	gcctacgcct	gcagctaagg	taggcacccg		1500
caaattctagt	ccttctctgt	gacaatttcc	aaaaagaaat	ggtttttgaa	acaacgatcc		1560
actgcttccc	acactatcca	gttaggtccg	ggacagaccc	tacccagcta	atgcactcac		1620
ccaagaaggc	agt						1633

<210> 5691  
 <211> 821  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (649)...(776)  
 <223> similar to gi9453 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5691						
ggcctctccg	gaagcctgtg	gcattcctgg	cacctccaag	ccatctgctc	ttcagcctct	60
gggccagga	ctagactagt	gctaaaatag	ctgctcctgg	gaggggctgg	acccccaccg	120
tgggcagaga	gggcctctgc	tttttggggc	aggaggggcc	accctggcag	ggtaaaaaga	180
gataaacaga	aaaacaacag	caacaataat	agtaacaatc	cggggttggt	gccatggggc	240
ctgttctgaa	caggctgcgc	ccagctcact	gcgaggaagg	acgcttagcc	aggccctggc	300
tgaagcctgc	agctgggctg	gacacagcag	tcattggcct	gtgttggtgg	ggacttgggc	360
ctgccatggc	tgcagtgggg	accctgcctg	agacagacag	agctgggggtg	gtgaccaaca	420
ccgtcggggc	accctcgcag	gaactggggc	tggtgaactg	cccagggacg	gggaaggagc	480
agggtgaggc	atggggaccc	cgacacaggt	tgagcagcgg	gagaggaggc	tgaggagggg	540
aaggaggggg	cccgcagagt	agccccaga	ccccaagtcc	ggtcagggac	aagcttggtta	600
gctccaggtt	catgtcacaa	cctgcagggc	tcctaagttc	aagctttttt	aaacttaatg	660
ggcaaactga	gacgcaacac	aaataggctt	ctgaccttgg	tgtctgagtc	ctggatctga	720
agtccctcac	ggcactcact	gtgagccctt	cttagacgca	ctgcacgaag	tgagcttgcc	780
agctcttctt	ttaagaaacg	tgtagggccg	ggcgcggtgg	g		821

<210> 5692  
 <211> 2245  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (182)...(1677)  
 <223> similar to gi3881161 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5692
aacttcctgt tgcagatcc cgcggggcctt ggccctctgcc cggccacaga gccggagctg      60
gaggtgctgt cccgtctggc ggcgatcccc gggcagggcc cggggccggg gtttgaagat      120
gctgaacgtc ccttcccagt ctttcccggc ccccaggctg cagcagcgtg tgcctccgg      180
ggggcgtagc aaggtagctt taaaacaggg cagaagcctt atggattgga ttcgactgac      240
caaaagtgga aaggatctaa cgggattaaa aggcagggtta attgaagtaa ctgaagaaga      300
acttaagaaa cacaacaaaa aagatgattg ttggatatgc ataagaggtt tcgtttataa      360
tgtcagccct tatatggagt atcatcctgg tggagaagat gaactaatga gagcagcagg      420
atcagatggt actgaacttt ttgatcagg tcatcgttgg gtcaattatg aatccatgct      480
gaaagaatgc ctggttggca gaatggccat taaacctgct gttctgaaag actatcgtga      540
ggaggaaaag aaagtcttaa atggcatgct tcccaagagc caagtgcacg atacacttgc      600
caaagaaggt cctagtattc caagctatga ttggttccaa acagactcct tagtcaccat      660
tggcatatat actaaacaga aggatatcaa tttagactca ataatagttg atcatcagaa      720
tgattccttt acagcagaaa caattattaa ggattgctta tatcttatac atattgggct      780
aagccatgag gttcaggaag atttttctgt gcggttgggt gagagtgtgg gaaaaataga      840
gattgttcta caaaaaaag agaatacttc ttgggacttt cttggccatc ccctgaagaa      900
tcataattca cttattccaa ggaaagatac aggtttgtac tacagaaagt gccagttaat      960
ttccaaggaa gatgttactc atgatacgag gcttttctgt ttgatgctgc caccaagcac     1020
tcattctcaa gtgcccattg ggcaacatgt ttacctcaag ctacctatta caggtagaca     1080
aatagtaaag ccatatacac ctgtatctgg ttcttactc tcagagttca aggaaccagt     1140
tcttcccaac aataaataca tctacttttt gataaaaatc tatcccactg gactcttcac     1200
accagagctt gatcgtcttc agattggaga ttttgtttct gtaagcagtc ctgagggcaa     1260
ttttaaataa tccaagttcc aagaattaga agatctcttt ttgttggcag ctggaacagg     1320
cttcacacca atggttaaaa tactgaatta tgctttgact gatataccca gtctcaggaa     1380
agtgaagctg atgttcttca ataaaacaga agatgatata atttggagaa gccaatgga     1440
gaaattagca tttaaagata aaagactgga tgttgaattt gttctctcag cacctatttc     1500
tgaatggaat ggcaaacagg gacatatttc accagctctt ctttctgaat ttttgaaaag     1560
aaatttggac aaatccaaag ttctcgtctg catttgtgga ccagtgccat ttacagaaca     1620
aggagtaagg ttgctgcatt atctcaactt ttccaaaaat gagatccata gttttacagc     1680
ataatgaaga gctgtcattg tcttttattc aactagttta tctaaatttg tgattgctta     1740
gggtttttta agagaacatt tttgtacata acaaagggtt aactagaatc cagccttcag     1800
tttcttaaat gaaatcaaat gttccttcag tacagggtta cttcttgggc tttcttttgg     1860
taccacaact tatttttact actgatattt gaccgggaa agttaatcat ggcaacaaat     1920
acatacagga ttctttgtta tgaatcaca atttcttgc catttaaatt atatcactgt     1980
tctacaataa gcacttgtgt tttatgacat gataaagtaa atgatcactt cgatcatgtt     2040
tctatgctgt aaaatgtctt attagcaata cagattaaat ttaccttgc actgttaact     2100
caggaaatga tcatttatgt ccttggtatt aatgttaaaa catagaatgt tataacttat     2160
taagtgatcc aaacattttt ttgtgtgtgt atggcattga tgcagaatag aataaaatta     2220
tacttaagtt ctttttaaaa aaaaaa                                2245

```

```

<210> 5693
<211> 630
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(631)
<223> n = a,t,c or g

```



<220>  
 <221> misc\_feature  
 <222> (361)...(110)  
 <223> similar to gil345538 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5693  
 tttttttttt tttcctagag aagagacgaa ggtgattcag ggccgagcag ggctccctgg 60  
 gaagccccct ctctctgccc caactttatt ttggttctag aatcattcca gttggcatac 120  
 ccggtcccca ccacggctgt cctgggcaca cagttaacat gtcattgcagt tagggggagg 180  
 gagagagggg agagggcagg gggggagtca gtggcctgca ccgcacagcc actgggttag 240  
 agaaagtcgg ggtctcccag gctgcaaagc cttgtccagc catgtgtctc ctggccctgg 300  
 gctgacctcc tgctgtggcc atagggtaga cagcctggcc ttggggctgg gccatggctg 360  
 tgtcaggtag ggaaagccac catcctgcct ccagtcacct gggcccttgt tctagccctt 420  
 cctcccccca tatcactggg gataatttgt tggcctgggt ctccatagct caccagttat 480  
 ggaccaagga acaggggcag ccagcctgag ggtccatgct gtcacctgtg ggtggcccca 540  
 ccgagcagat gatcggacgc ctttcgaccg gnattccnnc cngncgnent cgaggatctc 600  
 agggctcagg nnnncggccc ccgttcccc 630

<210> 5694  
 <211> 2069  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (325)...(1347)  
 <223> similar to gi4104615 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5694  
 caaggagcac aggtcctcgt tcaggacgat gtaatccttg ccatcgtaag caagctggtg 60  
 ataccgcgag agtaggcgcc cgtccgaccc cagctcgagc acagacatcc tctagatggg 120  
 tgtgagacct tggccccgcc ccgcgggcca gccccgcca ccgagccccg cctcgccag 180  
 gaccaacctg cggggatttt ggctgaaaat gaaaccgggt aacggctcct gggcctctcc 240  
 cgggtcaagg gtctccacgg tcccgtgccc tcggcgtagg tctcgacccc agagactcgg 300  
 ggagaccgag gcggtccgtg ggggatgtgg aggggtagtg acctgcgccc ccggccggtg 360  
 tcaactcacag gcctcactct ggtttgtaag taagccgctc agggtcgcca agtttcactc 420  
 ggtaaaactg tgctttggcc ttggcggttc cctgtctcct tcttcccaat attccggccc 480  
 ctctgtctcc atccacggcg ccgcgggctc catcctggga ctctgtggcg cgtgtctgag 540  
 ccgcacgcac tgcgtgtcgt ccacgtcgcc cagggagagg aagcggggat ccgcgcggcc 600  
 gggccgggac atgggtggtg ggaaatacct caaggagtgg aagcctggga gcaaggaggg 660  
 ggctgagacc ctcccgaccc tcttcccggc accgcaaccg ggttctctcg cccccgcccg 720  
 gcaggccctt agctactccc cacagacgcc gtttccctcc cgaccccgca ctcaactgcc 780  
 caggtctggg tcaggaccag ggcccccgag agcagcagaa gcagggttcg gggcgccatg 840  
 acaccatcct cggcgactgg ggagaatcgg agtcccgggt ggtgcgtggg aactttagaa 900  
 ccgggaccgc ggctacattg attggcttct ctaggaaccc gacactcaat gggagtgaga 960

actggggcag	cctggtgagt	atccaggaag	aaggacccga	cacaggttgg	gagagggaga	1020
agagaaaccc	tgcgagatg	gggaatcccc	agcgctgggc	ctccccaatc	catacaccgc	1080
ctttggggcc	tgagatcctg	agagccatgc	ctgaggccct	gagagccatg	cctgaggccc	1140
tgggacttcg	ccctgacccc	gctacttctg	tgccaagcgc	tctgtctcaa	cgtttccgag	1200
tcttggccca	ggagctgtct	gagaaaccag	ggagaaaccc	tcggaatggg	ccccgtccct	1260
ctctcttcac	tttgcacac	ggaatccccg	tcccagaact	ggactccctg	cctcctactc	1320
cttacctgtc	cccgtggact	cttctagaag	aaaaatcacc	ccagggagct	tgttgccaga	1380
gagtgaagctt	gccctgggaa	tggaggtgta	gagacagggg	tttttgttgt	tgttgtttgt	1440
ttgtttttta	aatctggaaa	agttgtgcct	gagtgcata	gatagaatag	agaccagttt	1500
gctttttgtt	tattaactac	agtgggtagc	agaatcttgg	taactcctaa	tgatcaggaa	1560
tctaactggc	caaaaatgtg	actttggtcc	cttgacatat	aaatgtgtct	aaaagcatta	1620
caacaggaat	cacaaagctc	ctaagtttca	ctttccaga	caatgtatct	gtgactcccc	1680
cttgtagtat	tttaaattta	ccttcattcc	atagccctgg	agtttctgtg	tgagtccagg	1740
acatctccta	atacaaggta	gccactgtgt	tactatatgt	tgtaaccagg	agccagtacg	1800
gactttattc	atctcacagt	ggcaagcact	caatgcagtc	acaatgcccc	tcaccagtgc	1860
tcatgcactg	cctgttttta	ggaagtatcc	acttctaagt	gttgtgtata	ttttatatga	1920
acacttagta	ttttttaaac	ctgattaaca	taaaaaaatt	agtttttagg	cagaccaca	1980
taaggattaa	aaggccaact	gcaaagatca	ccctgcaagg	ctctgtagat	tgatgtatta	2040
aaatatataa	aacaatgtgt	ttaaacctg				2069

<210> 5695

<211> 1089

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (636)...(932)

<223> similar to gil255991 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5695

taattgaaat	cgtacagcgt	tgcggaattc	gcaggattaa	tcacataagg	agactgtttc	60
atgcttgagg	taaggagtgc	ttagataaag	tgagagaaat	gggaatagaa	agataggcac	120
atacattttc	caagaaagaa	tgatctgaat	tgagttattg	attgaatata	ggatataaag	180
aagaaagtaa	caaagaggac	tgagtttttc	aacctatgaca	cctggaagga	aaaatagcag	240
agacagggaa	aagagacaga	gacaaggaaa	aaaaaagaga	cagagacaag	aaaaccattt	300
agggaaataaa	gtcttaagtc	tggttttgga	catattgagc	tggagtagat	ggcataaaat	360
ctatcctcaa	ggaaaagtga	ctgttcttga	acacagggag	ccgtcctgat	ctgtcatcct	420
tcttgaatct	gtctagtgtc	gaaagtactt	actactggac	cctgttttct	ctgagcagta	480
taatatggct	tctttactat	taatctaaat	ttgggcta	tttatatatt	tttcaaaagg	540
cattgatttt	ttaaagagtt	ttttaatcat	taattcactc	tggtaatata	agtaatacct	600
ttatatagtc	atctaaactt	tccaaagcac	ttttacctat	tattctcaga	acagtccagg	660
aaagtaggca	aaacagacat	tatcaccatt	ttatgaggta	ctggatgcta	aatgacttgc	720
tcagcgtctc	ataactggta	agtagcagga	tcaggtctga	aatccatttc	acctggcctt	780
agatccatct	ttgagggctc	ctttatctga	taggcttctc	gtcttggata	ggcaaaggaa	840
ggatgaactg	gagcagagga	tgctggccct	gcaggagagc	aggcgggagc	tgatggtcca	900
gctggaagag	ctgatgaagt	tgctgaaggt	aagagcccgt	ggcccacgct	cagttcttgt	960
cattcttctc	ccaccacagc	ctcagctgct	gcctccagta	aattttcatg	ccacagagag	1020
ttctttcatt	ctgctgcttc	aggaaactat	tatgtacttt	atcttctatc	cattcctgag	1080

<210> 5696  
 <211> 1596  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1392)...(946)  
 <223> similar to gi5102729 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5696  
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 cccgcgccc tcggcccgcg ccgcctatgg tccgtccgcg ccgtgcccc taccgctccg 180  
 gcgcggggg cccctcggg ggctcgggg gccctccgcg gccctcgtg gtgcgcgcg 240  
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 cgctcggccc ctcccatgga aggtgctcgg gtcttcgggg cactgggtcc catcgggtccc 360  
 tcctcacctg ggctcacct cgggggtctg gccgtgagcg agcacggct cagcaacaag 420  
 ctgctggtt ggagcggcg cctcgagtgg caggagaagc gcagacccta ctctgactcc 480  
 actgcaaagc tgaagcggac cctgcctgc caagcctacg tgaaccaagg cgagaacctg 540  
 gagaccgacc agtgcccgca gaagctgac atgcagctga tccctcagca gctgctgacc 600  
 accctggggc ccctgttccg gaactcccag ttggcacagt tccacttcac caacagagac 660  
 tgcgactcgc tcaaggggct ctgccgcatc atgggcaacg gcttcgcggg ctgcatgctg 720  
 ttccccaca tctccccctg tgaggtgcgc gtgctcatgc tcctgtactc gtccaagaag 780  
 aagatcttca tgggcctcat cccctacgac cagagcggct tcgtcagtgc catccggcag 840  
 gtcatcacca cccgcaagca ggcagtggga cctggtggtg tcaactcagg cccagtccag 900  
 atcgtcaaca acaagtttct ggcattggagt ggtgtcatgg agtggcagga gccaggcct 960  
 gagcccaaca gtcggtccaa gaggtggctg ccatcccacg tctacgtgaa ccagggggag 1020  
 atcctgagga ccgagcagtg gccaaaggaag ctgtacatgc agctcatccc gcagcagctg 1080  
 ctgaccaccc tagtgccgct gttccggaac tcgcgcttg tccagttcca cttaccaag 1140  
 gacctggaga cactgaagag cctgtgccg atcatggaca atggcttcgc cggctgcgtg 1200  
 cacttttctt acaaagcatc gtgtgagatc cgcgtgctta tgctcctgta ctcttcagag 1260  
 aagaaaatct tcattggcct catccccat gaccaggga actttgtcaa cggcatccgg 1320  
 cgtgtcattg ccaaccagca gcaggtcctg cagcggaacc tggagcagga gcaacagcaa 1380  
 cgaggggatg gggggtagt gttaccccg gctgggcccc tccaggagtc acagatgagg 1440  
 ccccgccaga gactggtgac acgcttctga gcaggggccc ctggggactt caactgcca 1500  
 gcaacatgga ggatggtgtc ctgaggcctc caaggacggt cccacccct ctacgtttcc 1560  
 ccaataaagc cttttaaaaa cctgccaaaa aaaaaa 1596

<210> 5697  
 <211> 3681  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (936)...(2673)  
 <223> similar to gil196425 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5697

cacttctgta	atatgcttcc	ccctgaacag	atctctccct	ccccctctc	cacccccaaa	60
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tgggttggt	ggtgcaccta	aataatacat	atctctctc	caaccccatc	ggtctctctg	180
attcctaaat	catcccaaaa	catttctggt	ggcccatatg	gggattggag	ataacagatt	240
tactgtctcc	tttggccatg	ggactagggc	cctggggctg	tggagacct	ggcatccaag	300
gcatgccatg	ggggagtttc	accgggatgg	agactggctc	tccccgcac	ctgcccagca	360
gtgcaactga	acctgagatg	gggctgcagg	atgacaccag	cacttcagga	accgcggtgt	420
cacaccttgg	attcaccata	gctggctgaa	actagcagca	gcagtgactc	ccgactatga	480
ccagtggatt	aaccaacaag	accctgattg	ccccaccgca	atagacctac	ggcgaatccc	540
aaccaccagt	aagaaggaca	actgccctgc	tctgaccaca	ctggaggctg	gtcagctctac	600
acatggctga	agcttgaaga	tcttgcaagc	tcttgctctt	agtcacatcc	tggagctga	660
ctagtctaca	cacagccgaa	gctaagagga	ccatctctag	ataagtaa	gtagataaaa	720
tttataagcc	tagttataat	tgttctgttg	ttacattatt	actgcaa	ctgcaa	780
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cactaatgtt	gttaccattt	ctgcctatac	tagaagggga	gaaatctcta	gaaggatgcc	900
cacactgtgt	acatactacc	tgggtaagga	ataccatagt	taaaactcta	ctgtaccata	960
cctacagtac	aggaaccaag	ttaggaacct	gcacatacaa	ccagaccacc	tattcgggtct	1020
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tctggtttga	aatacatatt	aaatcagagg	gagaaaaaga	aggagagtta	tagctcgaac	1140
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tgcatatgtt	cacaatccta	aaaaaaaaacc	agaagccagt	ctgcaatggt	gtaacacaag	1260
agaggccttag	caggagcagc	cctaagcatc	tgtacaaaga	accacaaatc	ggatgccag	1320
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ctctgctaag	tagtatgtta	accaaacc	actgtaagac	aagaacatgc	aatcctttac	1440
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gacttgatag	actaggagca	ggccttgagg	ttccactact	aattgtcaaa	aagactaaaa	1560
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taagccagt	cctgagcttc	ccccaccaac	caaaaactta	tttgctcaac	tagctgaaaa	1680
catagctggc	agcttaggaa	tttcctcatg	ctatgtacgt	ggaggaacta	atatggggaa	1740
ccagtggcca	tgggaggcaa	aggaattaat	gccacaagat	aacttcactt	cgcttaaccc	1800
tgccagtga	ccaacagcct	cagccagtgt	ttggttggtta	aaaacctcca	taattggaaa	1860
gtaccgtatc	gccgttggga	aaggctttca	cagaggcagt	aggagaaata	acctgcctag	1920
gcaacagtat	tatgatgaga	ctaaaaacaa	aactctatgg	agaagcacc	agaattactc	1980
ctacttacca	gatccaaatc	ctttatctct	attctctacc	ctaagccaca	cttggcatca	2040
actagagggt	ccaaatgctt	cgaaagcacc	ctctggccta	tattggatct	gtggagcatg	2100
ggcatattgg	caactgccag	ctaaatggac	aggagcatgt	gtgtagtaac	aatcaagcca	2160
ttcttctttc	taattcctct	aaagcaaggg	gaactcttat	ggtatccagt	tgtatgtaa	2220
aataaaagaa	gaactagaag	agcataatca	caaaaataga	cacaaatgtc	aaaaaggatg	2280
tggacatagg	agactggaaa	gataatgaat	ggcctcctga	aagaataatt	aaatattatt	2340
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tagattttatt	ggcaatacaa	gcaacacaaa	tgagaaatgc	tatatattga	aatagattgg	2520
cattagatta	tcacttagcc	tctgaaggaa	gagtatgtgg	aaaattta	ttaaccaact	2580
gttgccatga	aattgcta	aatggccggg	ttgtcatgga	aatcagagct	agaatgcaca	2640
agttggccca	tgttccaatt	cagacttggg	cctaattggc	cctggattct	ttgtttggag	2700
gatggttctc	aacctttgga	ggattcaaaa	ccctcactgg	tgggtttttg	tttattcttg	2760

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cactgccagt	agaagaagct	cagctctgtg	aagagggtggc	aaatagtggg	gctttctatt	2940
aacacctttg	ttataaaaag	caacaaaggg	gggaaatgga	acaggaatta	aaagaaatta	3000
aagaatgcat	aagcaaaaac	tcaattgtat	gtagggaaac	ccaattcctc	ctgaggaaga	3060
gaaagagggtg	gagtccttta	aaaattcact	gcctgttttt	ccgtctgtag	ctagtgaacc	3120
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gtcactagac	agataaaactc	aagttgtaaa	acatgttttt	ccttgaaaag	taagaaatga	3240
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ggccacaatg	taacactttc	c				3681

<210> 5698

<211> 2004

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (86)...(933)

<223> similar to gi2072957 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5698

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agcgctaaat	aatcgagaaa	atgcctcctc	ttgaaacgga	tatagagatg	gaaacaagat	180
ataagaagga	ttgagaatca	tataatacag	gagcttaaac	acctatgcgc	gatgataaag	240
agggtactat	tagagcgctt	ggaaaatacc	aggaagttga	gagagttaac	agaagggcgc	300
acgctggatt	ggccacaaaa	tcgaattact	gaagtaagtg	caaaacgaca	aattgtcaca	360
gaatacagag	aaaaggggaa	aagaaattaa	gaggagaaaa	agagagatct	agagggccgg	420
tccaggagat	acaatctatg	cataatagga	atacctgaaa	ctgaggacag	agcaagtgga	480
gctgaaacaa	taaaggatct	acttgaaaaa	attttccaga	attgaagaac	gaactagatc	540
tacaaatgga	aaaggctcat	aggatacctt	taaagttaa	tgaaaagaaa	gcagcatcta	600
gacatatccg	ggtgacgttt	ttgaattttca	aagacgaaac	attttacaag	catccagtca	660
gagaaagcag	gttacttaca	aaggggcaaa	agtcaggctg	acctcagatt	tttctcctgc	720
aattctaaat	gccagaagac	agtggaacaa	tatctagagt	gttaagggaa	aataattttg	780
agccaagaat	tatatactct	gccaaagtta	cattttcttta	caaaggaaac	tggaagacat	840
tcttagatat	acaggggtta	ggaaagtata	tcaaccaaga	actttccctg	aaaattttgc	900
tgaaggattt	actgcagcta	acagagaacc	tgaattaaaa	taagaatagg	gaggcaattg	960
tatgaaagaa	ctgatgggat	gcattaaaac	tagttaagga	gcattaagtt	taaattgtta	1020
tgtatagggc	attaaaacta	aatacaaaaa	tagaaacata	agctgggtgt	aaaatttcag	1080
tttacgttta	aactggaagg	gcataccaca	tgttcaatat	attggacaaa	tactgtttta	1140
tttttagcat	gtagtattgt	agatacaaat	acgcattgtt	ttaagctaaa	cctaagtaaa	1200
agggctttgt	cactgtagat	ttgacaaata	acattctaaa	tgtcaaatct	gacaattgga	1260

aaacagtaca	gttttatttc	ccttattttt	aagtatagca	ggaaaaaaat	aacaagtttg	1320
tccatgttac	tactgatact	gtaaagaaac	ttccaaatca	ctgggttggg	aggggggtgga	1380
tacatcctca	ttttctgtac	atgatgcatg	gggaaaaaca	gtagttactg	catcatatag	1440
ttccaagtaa	atcatatagt	tccaagtaaa	tttgacatgg	aaataagtgt	taactacaaa	1500
aatagaatat	atacattcca	atgtttggaa	aagaagtggg	aaaaagaaaa	atagcaaaaa	1560
gacactaaaa	ttagcaaaaa	gtagattgac	agtacagatg	acctataaac	tggttaaata	1620
gccctattac	aattgaaatt	gggtcaaaaa	tcaatctcta	acctgagata	catttgtata	1680
aaacaaatga	tcaaagagtt	taaagataat	ggaaactata	aatcatagaa	atagcaacat	1740
ttttcttaaa	atctaaacat	aagacatttt	atgtaaaaca	tacaatatag	gatgtaacat	1800
ttaacaaact	atatggtaaa	taatatgaca	ttaatatata	aaatatatgt	tccagatctt	1860
gatgtgggtg	atagttttac	ttatgtacat	cgaatacat	ctatttaaaa	acatgtacat	1920
ttaaattgtt	gcattttatg	tattttaaata	ttattgagta	atccttctgt	atgtattatt	1980
aaagagaata	tagcaaaaaa	aaaa				2004

<210> 5699

<211> 2789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (545)...(2356)

<223> similar to gi4959382 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5699

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gagaccagca	gcttgaactg	gctggggcat	ccggaaggct	tagatcttgt	ggccaagagt	180
tcagaccgtg	gcgaagtggg	gagtgcacatg	cagttggatg	gcggtgactg	cgtggtcctg	240
caacctgggt	tccagtctgg	caagcattgt	agacctggct	gctgaagact	gacggggccc	300
aggggtccgct	gccccaccg	ccatcaccac	ctcggaaccc	agggtaacgc	tgtcagtctt	360
tggaccaacc	tcgctgtgcc	taacaagaat	tccagaagtc	acccatccga	aaggcactgg	420
cccatgacac	tctccacttc	caatcttaaa	tcttttactt	cataccttgt	ctcagatctc	480
tcctggtacc	ccttccccac	gcccttagat	aatccatctc	aattcctcat	gctaattgag	540
gagctatggc	tgcaaggcac	cttccaggat	ttcacaccta	cacaaatctc	ctttttctcc	600
ttttgccttc	tctgcttatg	ggatattctg	agtccccacc	cccaatcact	gacagctggg	660
cccccttcac	cagcctcaca	caccacgtat	taagtccgtc	acaatctccc	ctctcctcta	720
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actcagctct	ctcagcatgg	tttcaggtag	ggctgttgcc	ctccttcacc	taatagcttc	960
tggactaaca	tccatacaaa	ccaacacagc	atcatctaaa	ccaccaatat	gggggtacca	1020
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tgcttggcag	aagggtgttat	gctttttctg	ctgccttacc	atccacacat	ccctacacct	1260
caccaccgga	tctctttttc	tttccttcca	tccaattcct	ggcttccccg	ctgccaactc	1320
tgctctctat	gtctccagtt	taaaggggccc	ccctggaaaa	aatgtaacaa	ttccctcacc	1380
tgtgactggt	acctgacagc	caccacaccg	gggcagcaat	ggctaacggt	tgacaaagac	1440

aattttctttc	tctctccaaa	accaaacagc	cttcatcaac	tccctagcca	agactcccta	1500
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cctatcatgg	ctacctacct	tcacctacaa	cttctgcctg	tccaccccc	gtctcttctt	1620
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gctaacagga	ttaggcatac	ctgctgcact	tggcactgga	atagcaggca	taaccacctc	1860
aatcacctca	taccaaacac	tattcacaac	ccttttctaac	accgtagaag	atatgcacac	1920
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cagggctgca	gagctttgac	atcaagtgcg	tgactcctgg	tggaaggat	catcccttct	2160
aagatggata	ccctgggttg	cccccttctt	aggacccttg	atcttctctt	tcctgttact	2220
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cccctatcca	gcaggaagca	gccagatgat	caacgacgcc	ctttttcctt	tttatactaa	2460
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gccccacccc	cattttcaca	acaatcccag	acctctcctg	cccgggactg	taactgggtcc	2700
agcctgtaag	cgggaagggg	gctctggcac	tagctggtac	cccctctccg	caggtctttc	2760
tcccaataaa	tctgtgttgc	cattgaaaa				2789

<210> 5700

<211> 1726

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1162)...(774)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5700

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aattcttagc	aatgtggccc	acgcttttta	aaaaattgac	gtgttggcag	tggtggttag	180
gaacactgac	gtacatccca	aatagtaata	aattcagtat	gaaattatac	gcataacctt	240
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caaacaggta	acatccttac	acctttgctc	catcccttgg	gctttaaaaa	gaatggctgt	360
agttagtttt	gattcactat	atactctctg	tacttgagga	agagtaagct	gtgtttaaaa	420
gtgccctttt	ccatgtcgtc	atgtaccaat	accctctgca	tttcaaaatg	ttgactcaga	480
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agtttacttc	ttgcttagtg	gagacaaaa	ttgtgagata	aagaggaagg	aataggatgt	660
acacatttac	ccatcaatat	agcaccag	gttatttgag	caggaccctt	ctgttagcat	720
ctaaggtaag	gttaggacag	tcaagataaa	atactggatg	ttggccagga	gcagtggctc	780
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agttagttag	ccaggcgtgg	tgggtgggtgc	ctgtagtccc	agccattcgg	gaggttgagg	960
caggagaatg	gtgtgaacct	gggaggcaga	gcttgacgtg	agattgcacc	actgtactcc	1020
agcttgggcg	acagagcgag	actccatctc	caaaaaaaaa	caaaaaaaca	acaacaaaaa	1080
aaaaaactg	tatgttaagg	gagactcctt	cagtatctaa	gagcacttgg	gggtggactg	1140
ggggagaagg	gatgacttca	tttaccceca	tagttatgga	gtcttgagtt	ctaagaaaat	1200
tttcatccct	attgattttt	atgctaaaaa	cagaatctta	caaatgtgat	agctatatat	1260
ccaaatgagg	tggcttagta	caagcatttc	tgaaaaaatt	tttgaatgac	aaaattttat	1320
cctaagcgat	atgtttttcca	agtgaatata	attctagttt	aacacaacat	tgcaagtcag	1380
gtgtgcacat	tttactaaca	aacatatatc	caatgtgatt	tccagggcct	tctcccagaa	1440
gcaaaaggag	ttggaaagta	gtctcctgcc	tttagctgaa	aatcaagaag	agagtttttg	1500
ttcttcatth	taaatgtaga	aaatcaaate	cttcacattt	gatttgtggt	cttcccaatt	1560
attaaaaatg	tgctcactgg	ctcaactgta	tttttcaaatt	agcctagatt	tacttattht	1620
tttaaatgct	cattaaaaac	ttgtatacta	tgtagtataa	tgctgtactt	gttctatata	1680
ataaaacaga	tacttcttht	gtaaaagctt	agtagtataa	aaaaaa		1726

<210> 5701

<211> 1127

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (163)...(962)

<223> similar to gi3287681 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5701

aaaaagcgcc	ggcaattggg	gtcgcagctg	gagatgctgc	ggccggcagg	gctctggcgc	60
ttatgtcgcc	gaccttgggc	ggcgagggtc	ccagcggaga	atcttggccg	tagggaagtc	120
acctctggtg	tctctccccg	cggtagcacc	tcgccagaa	ccctgaatat	tttcgaccgg	180
gatttgaaaa	ggaaacagaa	gaactgggca	gcccggcagc	ccgagccgac	caaatttgac	240
tacctgaagg	aggaggttgg	aagtcggatc	gcagaccgtg	tatatgacat	accagaaaat	300
ttcccccttg	ctttggatct	tggttgtgga	agaggttaca	ttgcacaata	tttgaataag	360
cttcagttat	tccattgcag	gaaactattg	gaaagttttt	ccaagctgac	attgcagaaa	420
atgctttgaa	aaattcctca	gaaacagaaa	tacctactgt	cagcgtttta	gctgatgaag	480
aattccttcc	cttcaaagaa	aatacatttg	acctggtggt	tagcagttta	agtttgcatt	540
gggtgaatga	ccttcctaga	gcacttgagc	agattcatta	tattttaaaa	ccagatggag	600
tgtttatcgg	tgcaatgttt	ggaggcgaca	cactctatga	acttcggtgt	tccttacagt	660
tagcggaaaac	ggaaagggaa	ggaggatttt	ctccacacat	ttctcctttc	actgctgtca	720
atgacctggg	acatctgctt	gggagagctg	gctttaatac	tctgactgtg	gacactgatg	780
aaattcaagt	taactatcct	ggaatgtttg	aattgatgga	agatttataa	ggtaggggtg	840
agagtaactg	tgcttggaat	agaaaagccc	tgctgcatcg	agacacaatg	ctggcagctg	900
cggcagtgta	cagagaaatg	tacagaaatg	aagatggttc	agtacctgct	acataccaga	960
tctattacat	gataggatgg	aaatatcatg	agtcacaggc	aagaccagct	gaaagaggtt	1020
ccgcaactgt	gtcatttggg	gagctaggaa	aaataaacia	ccttatgccca	ccggggaaaa	1080
aatcacaata	aatattttatt	cagtgtataa	aaaaaaaaag	gggcggc		1127



<210> 5702  
 <211> 1940  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1255)...(1671)  
 <223> similar to gil86800 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5702

gtgcaattca	tgcagacgtg	ctggcctatc	tggccgaggc	ctggggcatg	gacatcgagg	60
ccaccaaccg	agactactag	cggcctctgc	acgaggcggc	ctccatgggc	caccgagact	120
gcgtgcgcta	cctgctgggc	cggggggcag	cggtcgactg	cctgaagaag	gccgactggg	180
tcctcacaga	aggcacagag	gttgccggtc	aaagctgttt	tcctgcctgc	cagacccctg	240
aatcctctag	gttttccatc	tgtgccaagg	atgtgtgtgt	tttgaagacc	tggccccctg	300
cttctaattg	ctcagctgcc	tccatctgac	agcttctcct	ggttggcctt	aggactcctc	360
tgatgatggc	ctgcacaagg	aagaacctgg	gggtgatcca	ggagctgggt	gaacatggcg	420
ccaatccact	cctgaagaac	aaagatggct	ggaacagttt	ccacattgcc	agtcgagaag	480
gcgaccctct	gatcctccag	tacctgctca	ctgtttgccc	agggtgcctg	aagacagaga	540
gcaaaattag	aaggactcct	ctgcatactg	cagcaatgca	tggccatttg	gaggcagtca	600
agggtgcttct	taagaggtgc	caatatgaac	cagactacag	agacaactgt	ggcgtcaccg	660
ccttgatgga	cgcaatccag	tgtggtcaca	tcgacgtcgc	taggctgctc	ctcgatgaac	720
atggggcttg	cctttcagca	gaagacagcc	tgggtgccca	ggctctgcac	agggcagctg	780
tcacagggca	ggacgaagcc	atccgattct	tggctctctga	acttggcgctc	gatgtagatg	840
tgagagccac	atcaaccac	ctcacagcac	ttcattatgc	agctaaggaa	ggacatacaa	900
gtacaattca	gactctctta	tccttgggag	ctgacatcaa	ttctaaagat	gaaaaaaaaa	960
gatcagccct	gcatctggcc	tgtgcaggtc	agcacttggc	ctgtgcccaag	tttctcctgc	1020
agtcgggact	gaaggattct	gaagacatca	cgggcaccct	ggctcagcag	ctcccaagga	1080
gagcagatgt	ccttcggggc	tctggccata	gcgcaatgac	ataaggatgt	ttccaagagg	1140
aggcaataaa	gtgcatgagt	tgctgggagc	ctgagcacct	ttcgtttttc	ggctcagaga	1200
aagccaagtg	caacttgctt	cagtcatect	gaacctgagt	tcaaccaacc	gcagccacct	1260
acgtttgacc	ccagcgagat	caaagttgta	tatctgaggt	gtaccagtgg	tgaagtcagt	1320
gccacatctg	caactggccc	caaggtcagc	tccttgggtc	tgtctccaaa	aatggttget	1380
gatgacatca	ccaaccattg	actggaagag	tctgaggatg	atagtgaaac	tgaccagcca	1440
cagcagacag	gccagattg	aggtggtgcc	ttctgectct	gcctgatcgc	tcacaaccct	1500
caggaaccac	cgacagaaag	aaagaaacac	aaaaacatga	aacacagtgg	tagcaccact	1560
tctgatgaga	ttgtcaacat	tgccataacag	atgcagcagc	agtcctttagc	cagagaactc	1620
tctggaacca	ttaaagaatt	cctggggggc	ggttgcggtg	gctcatgcct	gtagtcccag	1680
cactttggga	ggccgaggcg	ggaggatcat	gaggtcagga	gatcgagacc	atcctggcta	1740
gcgtggtgaa	accccgctctc	ttactaaaaa	tacaaaaaaa	ttagccaggc	atggtggtgg	1800
gcgcctgtag	tcccagctac	tcaggaggct	gaggcaggag	aatgctgtga	accctggagg	1860
cagagcttgc	agtgcgcca	atatgcgcca	ctgcactcca	gcctgggcaa	cagagcaaga	1920
ctccgtctcc	aaaaaaaaaa					1940

<210> 5703  
 <211> 1512

<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature

<222> (922)...(682)

<223> similar to gil710216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5703

ttttaattac	aaaaaaaaatt	ttattattac	aaaacataca	atctcacaaa	ggtacaattt	60
gaaatacggg	gacacccttc	taactaccac	ccaggtgaag	aaacagaact	ttgtcaggca	120
ccccagaacc	cctccaagt	cctcatcaca	atgacaactc	cttccctcta	gaagtagcca	180
ttattcttgt	atagtactga	ctgtgtttct	ttatggtttt	atcttatttt	ttagagacag	240
ggtcttgttc	tgtcacacaa	gaacaagtgg	acaggtggag	tgcaagtggg	ttcatagctc	300
actgcaatct	tgagctcctg	ggctcagggt	atcttcctgt	cttagcctcc	caaggtgctg	360
ggattatagg	cgtgtgtcat	tgcaacttgac	ctagttttat	tttttttttg	agatgggggtc	420
ttgctctgtc	acccagggtg	tgcccagggt	tgagtgcagt	ggcgcgatct	cagctcactg	480
caacctccgc	ctcccagggt	cacgcaattc	tctgcctcgt	gcctcccagag	tagctgggat	540
tacaggtgcc	cgccaccatg	cctggctaata	tttttgtatt	tttagtagag	acgggggtttc	600
accatgttgg	ccaggctggg	ctcaaactcc	tgacctcaag	tgatccgccc	gcctcggcct	660
cccaaagtgc	tgggattaca	gatgtgaggc	accgtccacc	gtgcccggcc	gagttttatt	720
cttgaatcgt	gcatgtctct	gttcaactaca	gttagtgca	ccatttaaata	aaatttggtg	780
tcttttaagt	tcatcaaaaa	tatttctttt	gaagcactat	aataatgctg	gtgatggaac	840
tcgccaccat	tattccctgg	gagcttctgg	cagattctgt	cagttggaat	ctctaattct	900
tttctcagtg	gaccttttta	cttgactccc	acagttcttt	aagtagcttc	tttttttcca	960
gggtttcctt	tgctcttttt	ttcctttctt	gttttttctt	cgcgcttctt	cgtttttctt	1020
tgtgaacagg	actgttttca	ccattgtaga	aaacatctac	tttctcttgt	aggattttcc	1080
gagctagctt	tctgttctga	tcaactgac	ttgtctgatg	gcactttaca	acgatgcctg	1140
aggggatgtg	cttcagcacc	acgcagttgc	tggttttgtt	ggttgccctg	ccccctggac	1200
cgtgtccttt	cacaaactgc	tcttcgagtt	cattctcatc	caaggaaagc	agtgcagggt	1260
agtccttctt	gcctgccatc	tggaccggag	tgacagctat	tcttggggat	aacaacgtca	1320
gcttctccca	aagccggagt	ccccatggcg	cggggcatat	tcgggtcagt	ggtgtaggaa	1380
aatgaaataa	acccacgggt	ctcataagga	acgtggctct	gctggctgag	gacctggtct	1440
caggaccgca	ctcgtgccct	caacgttcta	gggatatcca	aatcacctca	gcggaggatt	1500
cgcaatcgcg	at					1512

<210> 5704

<211> 963

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (212)...(916)

<223> similar to gil542885 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5704

tttttttttt	ttgccgctgt	caacagacag	tttattctat	atacaaacac	aattttgtac	60
actgcaatta	aatagaatgg	aatgagcgct	cctccgcatt	cctccccgag	tgactggttt	120
ggccgcccgc	ccactccatc	cccagatggg	actggaccac	ggccctggct	gctgccactg	180
atgttggcgc	ctgcacccca	cgccctatg	cccagggcgc	aagctctgct	ctcccgggga	240
ccccaggcct	ggcgcacacg	cggggagggc	ggggccatgg	agaaggcact	gcaggggagca	300
ccaggcagag	ccgggctgag	gccggccggc	actagggcgc	gaggccccac	cccaagccgg	360
cctctcctcc	acacctccgc	cttgctcaga	gacctgcacc	atgggacccc	actccatcct	420
caggacgggt	cactgcagac	ctaccaagac	ccctccagaa	ccttcgcggg	aacccccacc	480
cctctccttg	ctgaccagct	caaacacctc	actagcgggt	acaagcctcg	ggcgcgacct	540
cacaccaggg	ggaggaaagc	cgccttcggg	gcaaacccca	cgaaaccctg	aaagcccccg	600
acacaggctg	ggcagtccca	gaggaaggag	gtggctggcc	tcccccaccc	ccacgggctc	660
gggaagggtca	ggcccagcca	gcaggggtca	gaggcggctc	agctgtgcgg	ctcaggaccc	720
cacctccgag	ggcgcctccg	ttggggccat	ggaggccggg	ctaggcccgc	ctaccgcagc	780
ccccagggga	gttggtgtcag	aagctgcgga	gtcactcggg	gggacactgt	cctggggggc	840
gtgggggagg	ccccagcag	ggcccagcgg	gctggctgga	cgccgctcca	ggagggaggc	900
gctcaggccg	gacaggaagg	aggcgtctgt	gatgatggca	gcggtctctg	ccatccaacc	960
cag						963

<210> 5705

<211> 1521

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (156)...(95)

<223> similar to gi180279 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5705

tttgagatgt	atttcccaga	aaagcaacat	gatgaaaatg	gtcagaaaag	gcaatttcct	60
tcctcttttc	taatttggtc	ctggagccac	cagcagaacc	tcttcaatat	cttgcatggt	120
acagatttca	ctgctcccac	cagcttgtag	acaacatgtg	gttcttgaca	actctgctcc	180
tttgggttcc	agttgatggg	caagtggtag	acaccacaaa	ggcagtgatc	actttgcagc	240
ctccatgggt	cagcgtgttc	caagaggaaa	ccgtaacctt	gcactgtgag	gtgctccatc	300
tgcttgggag	cagctctaca	cagtggtttc	tcaatggcac	agccactcag	acctcgaccc	360
ccagctacag	aatcacctct	gccagtgtca	atgacagtgg	tgaatacagg	tgccagagag	420
gtctctcagg	gcgaaagtac	cccatacagc	tggaaatcca	cagaggctgg	ctactactgc	480
aggtctccag	cagagtcttc	acggaaggag	aacctctggc	cttgagggtg	catgcgtgga	540
aggataagct	ggtgtacaat	gtgctttact	atcgaaatgg	caaagccttt	aagtttttcc	600
actggaattc	taacctcacc	attctgaaaa	ccaacataag	tcacaatggc	acctaccatt	660
gctcaggcat	gggaaagcat	cgctacacat	cagcaggaat	atctgtcact	gtgaaagagc	720
tatttccagc	tccagtgtg	aatgcactct	tgacatcccc	actcctggag	gggaatctgg	780
tcacctgtag	ctgtgaaaca	aagttgctct	tgcagaggcc	tggtttgcag	ctttacttct	840
ccttctacat	gggcagcaag	accctgcgag	gcagagacac	atcctctgaa	taccaaatat	900
taactgctag	aagagaagac	tctgggggta	tactgggtgcg	aggcttgcca	cagaggatgg	960
aaatgtcctt	aagcgcagcc	ctgagttgga	gcttcaagt	cttggcctcc	agttaccaac	1020
tcctgtctg	tttcatgtcc	ttttctatct	ggccagtggg	aataatgttt	ttagtgaaca	1080

cttgttctct	gggtgacaat	acgtaaaaga	actgaaaaga	aagaaaaagt	gggaatttag	1140
aattctcttt	ggattctggt	catgaaaaga	aggtaatttc	ccagccttca	agaagacaga	1200
catttagaag	aagagctgaa	atgtcaggaa	caaaaagaag	aacagctgca	ggaaggggtg	1260
caccggaagt	gtaccctagg	gggccacgta	gcagcggctc	agtgggtggc	catcgatctg	1320
gaccgtcccc	tgcccacttg	ctccccgtga	gcactgcgta	caaacatcca	aaagttcaac	1380
aacaccagaa	ctgtgtgtct	catggatatgt	aactcttaaa	gcaaataaat	gaactgactt	1440
caactgggat	acatttggaa	atgtgggtcat	caaagatgac	ttgaaatgag	gcctactcta	1500
aagaattctt	gaaaaactta	c				1521

<210> 5706

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (289)...(648)

<223> similar to gi208157 in the genepept database release 114,  
Run with FASTXY 3.3t00,, default parameters.

<400> 5706

aggcagccac	tttctagaga	cagttagctt	cattggacta	atctggggaa	tctgaagttc	60
aaggacctca	ccctgttact	aatgttgcta	acttctcttc	caactctgtt	tatgattcct	120
ctgcgtgtaa	acagagcagc	tccaccacgc	tccacactcc	agctaccaga	gaagcctctg	180
gaacaaacat	ggaatatcct	tacccccctt	accaagaccc	tacctgtctc	caatctcagc	240
agaaaagtaa	caagctgggc	cgggggtggg	atcccgggtga	catgtctacc	agaggcagga	300
agcggagggg	agaggagagc	agagtgtggg	ctgggggtcc	caaccactag	gggaccccc	360
agaagtccgc	atcattcggg	agcctgaggg	gctgggaatt	ccaaggcctg	gccagaaagc	420
cccagtctaa	gggacgcctc	ccagtcacca	gggagcccca	atctaaggga	tacagcccca	480
tcctcagggg	gccccagtct	gaggagagaca	cagactcgtc	ctcagggagg	cccagtctaa	540
gggacacagc	cccatacctca	gggagctcca	atctaaggga	tacagccctg	tcctcagggg	600
gccccagtct	gaagggagac	tcagtgtctt	cctcagggag	cccccgctctg	gatcagggaa	660
ggagctctgt	ttccctgtgg	aggtgactgc	tcaggaggaa	agtccttttc	catggcactc	720
cctgacttcc	ccttcccttt	ctctcctgca	gccagcaggg	ctccagcggg	ggagcgggtg	780
tctttgggg						789

<210> 5707

<211> 1045

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1046)

<223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (728)...(28)  
 <223> similar to gi200545 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5707  
 ctggccccag gctttccac atggaaggtg gctgcatgcc aaggggagga gcgacacctc 60  
 caggcttccg ggagcccaga gagcatgtgg caggcagtgg ggctcttca tcagcagcct 120  
 gcctggctgg ctcccttggc tgtgggcagg tagcacgcct gctggcagag gtacctggtg 180  
 gctgccctgt tcgcatcagt ggcgatgact ttattttgcg agcattttctg caagcgttgc 240  
 ctggatgcgg tgggtgcattg tgggccctct gggctcctgc ctcagaatgt cagtgcacac 300  
 catgctggag gtcacccagc actgtggcag cggccaggag ggcatagggc agcctaccac 360  
 ctccaagggg gcaggcgccc tcatctgggg ttgggtctgt gctgagctgg agggcctcta 420  
 gggaaccgtg gggcaggggtg gccagctgct ggctcccaga gcgcagccca ggcgtcctca 480  
 acggggagcc ccaaagtctc acgcccagaa caacagttgg caggacaggt gtgacacagc 540  
 cacagcagag gcaaggggtg ccaggagtcc ccagcggcat cctcggggag atgctggtga 600  
 ggggtccgta caggggtggg tccccacccc tagcccctta ctgagggggg agtgcagcag 660  
 ttggcctgct tgtctggcgg agaaagccag ctccctgcac cctcggggct gagtgcagatc 720  
 tgggtctgcc gcaaaggcct tgcttagacc aggtcacact gatgccctgg tttccctatc 780  
 tgtaaaatgg ggccaatgac acctacctca ctgggtcacc atcgagatca atccttctcc 840  
 ctgccccgac acctcgggca catcgcatgc actcagagca cagagccggg cagacgcagc 900  
 acctgcatgg ggagcccagt gcccggcaca gcacaggggc ttccagggag gccacgcagg 960  
 gccgtggggc tgaaccacgc tctcgttttg tcaggcagct atgcagnagc tcttccttgg 1020  
 tattgggttg ttntggtttt gtatt 1045

<210> 5708  
 <211> 928  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (778)...(446)  
 <223> similar to gi4927776 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5708  
 tttttttttt ttgcgtgagc aataaagctt tttaatcacc taggtgcagg caggctgagt 60  
 ccaaagagag tgtcagcgaa gggagatagg ggtggggccg ttttatagga tttgggtagg 120  
 taaaggaaaa ttacaatcaa agggggttgt tctatggcag gcaggggcgg gggtcacaag 180  
 gtgctcagtg gggaagcttc tgagccagga gaaggaattt cacaaggtta atcgctcagt 240  
 taaggtgggg caggaacaaa tcacaatggt ggaatgtcat cagttaaggc aggaacaggc 300  
 ctttttctact tcttttgtga ttcttcactt gcttcaggcc atctggatgt atacatgcca 360  
 ggtcacaggg gatatgatgg gctttgcttg gggcttcaga ggtcttgaca cacatcacta 420  
 agcttactct atggattcgc ctcaaattct ttcttgcaag agatccaaga atgctctctt 480  
 ggggtctgga tagggacccc tttccgttga caagacctcc ccgcctccgc ttttaattgt 540

ttggccttca	ttoctettct	acagtgtccc	ctgcaatcag	tactggtgct	gtacatatatt	600
gctagcttcg	tacatacggc	acgaagtaga	tgctcagtaa	atgttggttg	actgagtatc	660
ctctgcatct	cgggtgacatc	acatcctgcg	tgccgtggcg	tcattctgca	ttcctctgcg	720
ggaggctcag	atccggaggg	tttaagtggg	tgtttataac	atgcaccgaa	catatccaac	780
ggaggctgtg	gtttccgacc	gcccacaaaa	agcgcggttg	gcgggagtg	gggttcgggg	840
tcggctggca	gctgggagac	tccagctctg	ggcggaaca	cactgcctcg	gaggcgcccc	900
gacgcgtggg	tcgagccagt	aataacga				928

<210> 5709

<211> 3918

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (26)...(2915)

<223> similar to gi4191594 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5709

gcgcggagga	gggggagacc	acaagatggc	ggacctctcg	ctgcttcagg	aggacctgca	60
ggaggacgca	gacggatttg	gtgtggatga	ctacagctca	gagtctgatg	tgattattat	120
accttcagcc	ctggacttgg	cctccacaaa	gatgaaatgg	ttgaacgccc	cctgggaaga	180
ttgggacaaa	gtatgctgca	agtgagaacc	atatttaacc	agacaaaatg	gtggccccgg	240
agtttgcttc	gatacccttg	agggaaagtc	tgcgatgatg	aaagagattg	tattgctggt	300
ttgggaaaga	attagccaga	ttgggcccga	gattcagaac	caacttgtga	gagcggctga	360
attggaacag	gtgcctcaca	tcgcactggt	tttgttcaag	aaaaccggcc	tttcaattac	420
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<210> 5710

<211> 1933

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1631)...(655)

<223> similar to gi5225320 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5710

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60

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aagctgaagg	ctagagactt	cgggagcccc	ccccggctca	agactcccc	ctacgctggg	180
tgtgggggtt	agattcagag	gcccagacac	cacactgggg	taggttaggt	attgggttta	240
cttaggccac	aggccccccg	ggggcagggg	gacagagtgg	gggggcccga	agctccctgg	300
tcctggggaa	gagttaaaaa	gttctggggg	taggccccgg	gccccgtggg	ggcaagttta	360
agagatgagg	ggagggtttac	tcctttaggc	ccagggaagt	ggttagaaga	cagttggggg	420
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<210> 5711

<211> 4268

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2249)...(2871)

<223> similar to gi841318 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5711

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ccaggaagtg	aagaaaaaaa	tcagggacca	tcaatgattg	gtcgaaaaga	agagagatta	180
ataactgaaa	gaaaacacga	acatctgaag	aataaatcag	caccaaaggt	cgtcaagcaa	240
aaggttatcg	atgcacatct	tgattcacag	actcagaatt	ttcagcaaac	acaaatacag	300



accgctgaaa	gtaaagctga	acataaaaaa	ttgccccagc	catataatag	tctgcaggaa	360
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tcaaagcaag	agattacaca	gaacaaatct	ttcttttctt	ctgtgaaaga	atcccagcgg	480
gatgatggaa	aaggtgcctt	aaatatagt	gaattcttga	gaaaacgtga	agaactgcaa	540
cagattttgt	cgagagtga	acagtttgaa	gcagagccaa	ataaaagggg	ccttaaaaca	600
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aaaaagtc						4268

<210> 5712

<211> 1817

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (173)...(1135)

<223> similar to gi3329475 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5712

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acaatggaaa	agtccctggat	gctgtggaac	tttggtgaaa	gatggctaata	agccttggct	180
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<210> 5713  
 <211> 2610  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2611)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (87)...(1280)  
 <223> similar to gi5262551 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5713						
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tggtcaccaa	ccgattcgac	cagttatttg	accgacgaat	cgggancccg	ttccgagggtg	180
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gggcatagag	cgcagctcag	ggccggcggg	cccacgacca	actccaacgc	ggcaggcaaa	300
cagcgtgcgc	aaggagtccc	agaaagaccg	caagaacccg	ctgcccccca	gcgttggcgt	360
ggttgacaag	aaagaggaga	cgcagccgcc	cgtggcgctt	aagaaagaag	gaataagacg	420
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tttcttagat	tgctattatt	tggttgtaag	ttgagtattc	cacagaaagt	ggtaattatc	2520
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<210> 5714

<211> 1026

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (497)...(237)

<223> similar to gi436173 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5714

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gggtagaagg	tgtcttgag	tttgcctcaag	tggttgagag	ggaggagggt	gccatagact	360
tggaggaact	gggcacgaag	ccaaggatac	aaatccaggc	agggctgtgg	ggcaggatag	420
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gcggactcca	ggaaggaagc	ctggctctca	gccatgcagg	atggaaagaa	agattctatt	720
ccaggagggg	agctgccctg	gaacgcccc	aggacagcca	ggacccactg	ttcattcagg	780
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gaaatg						1026

<210> 5715  
 <211> 6521  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (164)...(4670)  
 <223> similar to gi2370202 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 tacttttcac tctcaggaga acccacatgt ctaatattta gacatgatgg caaactgggc 180  
 ggaagcaaga cctctcctca ttcttattgt ttattagggg caatttgtct caataaaagc 240  
 ccaggaagaa gacgaggatg aaggatatgg tgaagaaata gcctgcactc agaatggcca 300  
 gatgtactta aacagggaca ttggaaaacc tgccccttgt cagatctgtg tctgtgacaa 360  
 tggagccatt ctctgtgaca agatagaatg ccaggatgtg ctggactgtg ccgaccctgt 420  
 aacgccccct ggggaatgct gtctgtctg ttcaaaaaca cctggagggtg gcaatacaaa 480  
 ttttggtaga ggaaaaaagg gacaaaaggg agaaccagga ttagtgctg ttgtaacagg 540  
 catacgtggt cgtccaggac cggcaggacc tccaggatca cagggacca gaggagagcg 600  
 agggccaaaa ggaagacctg gccctcgtgg acctcaggga attgatggag aaccagggtg 660  
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<210> 5716

<211> 4188

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1803)...(1580)

<223> similar to gi504529 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5716

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gacatcactc	aaagaaaatt	cacaactcta	gccttgagtt	agctccctca	atagtatgat	3900
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aaacaccag	ataaagaact	ttagagaaac	tggttaaaaa	gatttaaaat	tcccaactgt	4140
aataaatccc	taaaatgaat	acccaaaaaa	tgttttttaa	aaaaaaaaa		4188

<210> 5717

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature



<222> (530)...(179)

<223> similar to gi1330342 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5717

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atttgtaacc tttgatgaca ttcttacgcc aagcttggca cgagggggag gaggtggctg    60
gtcagcagtc cacatctctg cgteccccct ccccaagcat ccaactcccct cacgccgtgg    120
ggcaaaaagg aggggtgctgg ttgcgcgcgg agagcgcggt atgggtggcg aagtcccagc    180
ctctacctag cccgcgcgta gtcggtgggt cctccagcc acccctctgg ccttcattc    240
cggteccctcc ccagacgggc cctcctcctt tctcatggac cccaagagg cctctcgct    300
tctccccga aggacccta tgcctagcca tggatcctcc attccccacc ctcccgtttt    360
cccgtcccgc agacggagcc ggtccccagc cgcgcagct ctccggcctc ggatgttgac    420
acaaaccga ggcggtttac actgagcggg tctggaagct ttcagggccc cggcaacacc    480
tcctccccgc acttgggggt ctccccacag cccgggcgg cgcctgggc tgcactggcg    540
tctgagagct cctgacacaa ggctgtggga aggaaccctt ttaagccaaa ctgggggcaa    600
aaggggagcc agacatcccc gggctgggcc acgtgcgggg cagggacttc taaggatctg    660
tcgaaagtcg gggcggacgg ctggggattg gcctaatcgg agcgcggacg ctgaagagca    720
gcggtgga                                     728
```

<210> 5718

<211> 2892

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2481)...(452)

<223> similar to gi758066 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5718

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cacgtaaacc acaaaagagt agcattccat tttcttgaag tgcacatgat attatgaaca    120
atacaaatgc attattttta tcattaatag tttaatcatt aattatctca taagtcaatg    180
cagagagtga aattactatg aattaaactt ctgttcacaa tgtacagtat tttgcatatg    240
ttgactttac ttaattgtac atttttgttt ccaaagttaa tgttaaatac ctggtgcata    300
ggttgttgtc aagcaattac tctcattgtc ttgtcataca tgctaacatt ttgctaaata    360
taaactctaca agtatcacag ctgcatatat ttctgaagtg gttagaacag aggaggatgc    420
tggaagttg agttctttta aatcttcgtt caaaacaaga gattttcatc tatgtcctct    480
tctttaattc caaagcagtg gccccactcc ttcaggggtg tgtgcttata cttgttgggg    540
tcacactcct caaagaaacg ggttatgcag tgttccatgg gcaccagaga tgctgcgaga    600
ggagcaagtt cagaatgtgt caagactcta tccatagggt gttgggtcaag ttcactaaac    660
tgccagtgca caggatacac atacatgtgg tagtttttct taaagtccct taagagaaga    720
tcaatgggat ggtccccagc caaaagcctc ttttcatccc aggtaaattt tcttgacttt    780
atttctctgg cttctcattt agataaccag catgttcaga gttggcttca taaagctgca    840
tgaggatatt cttgagccca gtctctcatc cgtagaggaa acttgaatca cttcaaagtc    900
ccgacaaaagt aggaatagat ttggaggcct ccaaataat ccagctggag ttgatgcccc    960
```

tttttggtcc	cctccagtct	gcatttagta	gcgaatagat	gacaggaact	agcataggtc	1020
tgattgtcag	tgccgcaaac	ttgatcaagg	ggttttgttg	gaggaccaag	tacttgatc	1080
ctggcaagac	acaagtgagg	ttttccctg	ttggtctgcc	ttacagatgt	ggcctctttt	1140
acactggaag	ctcatgcaag	aatccacagc	atgcacccct	catgttgcc	tacttgacg	1200
tttctctctc	attttgatgag	ttctctgctt	tcttgccctc	ttggtgctct	ccaggctcag	1260
tggtacctat	attttcattt	tcatgtactt	tttctctttg	ctccctcaat	tttgaagggtg	1320
aataggcaat	ggaatgaagc	tctctcggcc	tcccagaaaa	ggcctggctt	gggatgaaag	1380
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gccatcatca	tcaactccat	gatttctggg	cgtggtatta	ccatcatcag	taggttccat	1500
gagcagagcc	tcagaaacag	tctttctctc	tgtctctttg	tggttgctga	tagcttctag	1560
gccagtttta	ccctcttgac	tctgccattc	agtttcttga	atgtgcttat	tgacgttcga	1620
tgcattttcc	tcttccattt	ctgcattgga	gttatcttct	tgttcttggt	taccctgatc	1680
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tctttctttc	ttggttatca	ttgtgggtac	caacttcacc	tggtctcttt	tcttcttctc	1860
cttctccatt	ggaaatattt	ggatcctgct	cttggtttcc	ttgatccctt	aggccttggc	1920
tatgtttact	gctcctgttc	aactgatgat	gtgaataatt	tctaggttgt	tcttggtttt	1980
cctctctctt	tgtgatactt	tcttggttgt	tagaatctgt	gaaggaacta	acaccaggag	2040
ccaaaaaatc	agtgttctct	gagagttttt	tctcctgagg	ctcactcata	tcttctttta	2100
tgtccaatgt	acccttcaag	ttggtgccat	actcccaaat	tccacactta	aagtgacca	2160
tactgtccc	tcttgaatcc	ttcaatcccc	agctcttggc	ctagaactct	tgcctctgtt	2220
ctgctgactg	ttcatggctt	tctctttttg	acttttagtac	tgatgatttt	tcagccttat	2280
ggtgggaatc	gtcttctgtg	gatactgctg	tttctttttc	attttcttca	gcttcagccc	2340
ttaaactggg	gattgcagtg	ttgtcgggtg	ctaccgtttc	agcagttggt	ttggaatgat	2400
cagataataa	tcttgcattt	gtcgggattg	cagctgcagt	tcccaagaga	cataggaaaa	2460
aaagcccagt	cttcatgctt	tccagatctt	taagtaaggg	gctggacca	gagccactgc	2520
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gattcctgga	tttccctagc	aggctggcct	ctcatgcgag	ggctttacag	gcagtgttg	2820
caaaccaaaa	gggaaagagc	taattctggt	ggcgtggatg	gggttaacag	tcttcccccg	2880
gacgcgtggg	tc					2892

<210> 5719

<211> 1692

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1693)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1550)...(563)

<223> similar to gi4584796 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5719
ttttttatca ttgacaatgt ttattatcaa gaaacttttag gttttttaaa agaattgctcg      60
ttttagaata caccaagagg acactctgtg acaggacata tacaacaag gataattaaa      120
atattaaata ctatctaaat taaaagacca taattcaaatt tgctaattat aatatttgtg      180
tcggtagaaa taactatagt tccccttcac gaaattcacc cccacgttct catgaagact      240
atgacgtctc accacaattt cagttattta atttacaata atcaatgctg agttttctgt      300
gctgaagcat gcactgttac agaaagcaca aaatcctatt tacagggatt tttagttttc      360
tttaaaatgt atctcaagca tcttttaaag tgcgagctac aaatagggtg tatccttaat      420
gaaaaaggct tctttctaaa agaagtatgg agataggcta tccaatactg cnggcaggaa      480
cagttatata actaaccgaa ggaaccagca gcactctgct aactctgttt tagtgtagca      540
acctccttct tgggtgttcta ctaccagcca aacatgtact ccattgcttt ggatacaaga      600
ctttcatctt tttttggcgt ttgtctgtca gaaataacct gataatcact agtagaggct      660
ttgtatgctg tagcaagagg tctcatggta gaaatcctag gagtacttcc aggttgtggt      720
gggtgtaccta gagttttgat tgggtggtgta aaggctaaag atggagatga taaagcacat      780
ctgtcactgc tttccataac acttttgtca atacatgggt ttacaccaat catgatggat      840
tctccaaaaa tctctccatc tttgcttaag gctttccgag cctgcagttt agattgataa      900
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tgtgcaaatt gtaagtaata tgtaggaaag cagatgcctt gaggaaaccc caaatacagt     1020
cacccaaga gtcacgcagg gtgatcttct gaagtcaaag aatctccttg agtataaaaa     1080
ggatccaact gggcaggaga taatgtcgtc tttcgtggct gaccgatact tgctggacta     1140
aacatacttt gccctgttcc aggagtagat gtaactccaa caagaggact ctgcattact     1200
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ggttggtggt gtgaccacc tgcaagtaaa ggtgatctca tttccattac tctactgaa      1380
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ggttcagatc ctaacgcggg cccctgaggt tccactgcaa aggctgccat tgcgtcggca     1560
actacactta aaaccagtac cttcccaatt aattttcaaa aatggcgga accggacgcg     1620
tgggcggacg cgtgggcgga cgcgtgggtc gttccagggt tatcagtcgg tacgcaggct     1680
ttcagtggca ag                                         1692

```

```

<210> 5720
<211> 3593
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(3594)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (105)...(3593)
<223> similar to gi38458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5720
acgccgccgc ctgtgtcatc cgccattttg tgagaagcaa ggcggcctcc acgtttcctg      60
acgctcttct tcgcttttgc ctcgaccgcc ccttgaccac agacatgtct cgggatcggt     120

```

tccggagtcg	tggcgggtggc	ggtggtggct	tccacaggcg	tggaggaggc	ggcggccgcg	180
gcggcctcca	cgacttccgt	tctccgccgc	ccggcatggg	cctcaatcag	aatcgcggcc	240
ccatgggtcc	tggccccggc	cagagcggcc	ctaagcctcc	gatcccccca	ccgcctccac	300
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ccatttcttg	tttttaaaa	accaacaaat	ctcaagccct	ataaatggct	tgtattgaac	3180
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aaagatgggg	tgtagtctaa	aaaacaatac	tgaaagtaa	gaaggtttag	ccaccacgcc	3300
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ctgggttaag	tttattccca	agtattttat	tttatcttat	tattttattta	tgtattttga	3420
aacagtctta	ctctgtcacc	caggctggag	tgagtggtc	caatctcggc	tcactgcaaa	3480
cctccacctc	ccaggttcaa	gcgattctcc	tgctcagcc	cccaagtag	ctgggattac	3540

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3593

<210> 5721

<211> 9654

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (50)...(9391)

<223> similar to gil661108 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5721

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<210> 5722

<211> 1639

<212> DNA

<213> Homo sapiens

<220>

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<222> (18)...(1140)

<223> similar to gi403144 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<212> DNA
<213> Homo sapiens

<220>
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<222> (652)...(799)
<223> similar to gi21992 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tggcccatga acgggagggg ggaacttccc aaaaagaagc tggcccacca atgacccggg 540
tcagccttgg ggagacctgg ggggtgggga atggcttccc cggggcactc ggtactgtctg 600
caggagctgt tgctggaagt ggaacccagg cggcgccggg agtagtcgtg ggtggccacg 660
agcgagccgc tggaggggat ggccgccatg ctttagcttg ctggctgggt ggatctgggc 720
ggcgaccctt cgcgggcctc ggcgcacgat caagggtggc ggggacgggg gcggctaggc 780
cacggagccc atttgcagag aagaccgcgg gaagccgcgc cacgacagag aggcgcgcgc 840
gggggt                                             845

```

```

<210> 5724
<211> 1555
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1211)...(294)
<223> similar to gi4928064 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5724

```

tttttttttt	ttcacacacc	agcacgtccc	acctcgtgct	cacggatttt	attacacaga	60
tagtggcggc	aatggcctca	gcccagccca	ccctcacctg	cttttccagc	ccacaaaggg	120
ggacgatcac	ggcccagcaa	aagcgatgct	gagaggggaa	acagtccaga	gtccaacagc	180
agaacttggg	ggaagcggtc	ggggtggcca	ggaacataaa	ctatgtatag	gggccggggg	240
cttctgcccc	gggtccccct	ggaccaggac	gccaggtagg	gcaggggaacc	tcagtagtcc	300
tccaccgcagc	cattctcaga	gatgaatgcg	tcaataacct	ccttcatagc	caagtgggg	360
atgagctggt	cctgggtcag	ggggctccgg	gtcacggggg	caaaatgacc	cacacgctgc	420
aggtgctcct	cgatgtcctt	gcggctcgtag	gtgatgccac	tgggcgtgat	gcacggctcc	480
cgcacagct	caaagctgat	cttgccacac	aggtagtcgg	ggatgtctcg	cttcttcctc	540
ttctcatcca	cctgagaaaa	aagctcgctc	atgtccgcc	tgtacttgct	gtgcttgccc	600
tcaatgcagg	cctgctgggc	ccggacgtgg	ctgtcgtcct	catcaccttc	gtggtttcgc	660
tagctctctt	ccagctccct	ctcaccgctt	ccgcggcatg	aagcctggag	aggtaggagt	720
gcagctcgct	ctcctgggtg	atgcgcctgt	cctcaatgct	gttccagcgc	ttcttcttcg	780
cgaattcgaa	agagcgcttg	ggattgtcgt	tccccgaagt	tcagccgctt	gttcctttgg	840
ccaggctgta	agctcgctgc	agattggcga	tggcctcatc	atagctctcc	atctccagct	900
ggcactgccc	caggaagaag	tgcgccttca	cagactgccc	gtccagctcc	agggcgcgcc	960
ggcagtcggc	cagggcctgc	tcggtcgtgt	gcatcttcag	gtagcacaag	gcccggttgg	1020
tgtaatacac	ggccaccagc	gggttccggg	tgatcgcgcg	gccgtagcag	gccgccgctt	1080
ccgggtactt	tgcggccacg	aacagacgat	tgccctgctc	cttgagctcc	tgcgcgctcg	1140
ggctcttctc	ggggcttccg	ccgccagcgc	ccagccgtgc	gccgccctcc	ttctcctcct	1200
tgcccttcat	ggcgccgcgc	ggcacggcct	gggtccgct	cccaagctcc	gcgcctcgcg	1260
gcccagcgcc	cgcagccgga	gccccgcagc	ccgagcccg	gatccgctcg	ggccccggccc	1320
aggtcccccc	gccggaactt	ccggccgggg	gcgggaccag	cggggacgca	cgcgtggggg	1380
cgagtggggc	cgcgcgtgcg	cccaaccagc	ctggacgggg	acactggggc	cgcgacgtcg	1440
ggggctggga	ggaacgctcc	agttccctgt	ccccgcgctc	ttaagggtag	gcgttcgctg	1500
aggccctggc	ctgcctgtct	gaggtctctt	cggcaccgcg	ctcggcgggc	gccgc	1555

<210> 5725

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (570)...(131)

<223> similar to gi5104682 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5725

tttcgtcggg	cctgaacttc	cagggccggc	tactcctcgg	cagagcgacc	gcgcggtgtc	60
tcagagcgcg	gcccggagcc	gcactaagag	cgctggacgg	cgggagagag	gctcggagga	120
ccggtagctc	ccagcaaagc	ggcccagcgg	atgtcgggag	ctatcttcgg	gccccgtggg	180
ggcccagact	ccctggatgc	cccagacatc	caccgcgtgg	tgtgcccgt	gtgccacgtg	240
cagtacgagc	gcccgtgtct	tctggactgt	ttccacgact	tctgtgccgg	ctgcctgcgt	300
ggccgcgcga	ccgacggccg	cctcacctgc	ccgctgtgcc	aacaccagac	ggtgctgaag	360
ggtcccagcg	ggctcccgcc	ggtggaccgg	ctgctgcagt	tcttgggtga	cagctcaggg	420
gatggcgtag	aggcggtgcg	ctgtgccaac	tgtgacctgg	agtgcagcga	gcaggcaggg	480
gcggcagggc	gggtgggtga	ggagcaaagg	gtaccgggtt	gcacagtccc	caatgcttgc	540
acatgcactc	agcatgtctt	cagaggacga	cctggcagtg	gattctccag	cacctcccta	600
gggcaccttg	gccccaaatg	tgaaccccat	tataccggtg	gggagactga	ggtccagaac	660

```

aagggacttg agccagtgtc cagacagtgg cagaggctaa ggccattcga tctggggaga 720
gctcactggg ccccaattca ggg                                     743

```

```

<210> 5726
<211> 946
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(947)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (875)...(14)
<223> similar to gi296669 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5726
ccgccgggtg cgcggcttcg ccgcccaggg tcgttcggct cgggtaccat cctccgcgcc 60
atggacacca gcgacctgtt cgccagctgc aggaaggggg atgtgggccc agtgcgggtga 120
ggacctcgca gtcccgggga ggggtgcgga ggtggccgcc ctccgaacgc ctccggccct 180
gggacgggcg gctgggcggc cgcggagagg cgggcgcctc tgccgggtca cagccctcgg 240
agcgcccccg cggggcagac caccgggacc ccgcgcgcag cccccagcg gaagcgcgct 300
ggggcgggga cactgatggc cattgacccc cggagggtt cctgtaagaa gggactgtc 360
agcggaggtc cgaaggcgca gaagtgggcg gagagaaggc gggccactgt tcgccctggt 420
agggcccgga cgtcagacct ccgggcgca gggcgcggt ataggcctgg gactccagac 480
gtggccccct tctctcgtgc tctctggacc tggcgcgggg aacacctaga gcccataatc 540
ggcctccggt ccctgaggat tcggaaactc ctgacgcagc taaagtgaat ctggcgctga 600
gatgccccct ccatgggccc gacgcggagg gaaggggtgc ccagttgggt tctggggccc 660
ttccctcctt tgggcttcca ctatcccgtt tgacctcctt ttttcttggc ccttcctccc 720
ccttgacctg gtgctgactg actgcttcca cctcccctgg gctggcgccg ggctgctgta 780
ctcccgtagc ctccctgggc cgtccctga catcccggtc cactcaagag ttagtgcata 840
gtgtcaacgc tgagtgggtt cacagcactt ccaggtgcag cctggaggcc tcctttgggc 900
tgcccccgcc acgaaatcgt cgaccggaa attccgngcg ttgtat 946

```

```

<210> 5727
<211> 2338
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (934)...(1411)
<223> similar to gi1707262 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 5727
tcctgaattc ccgggtcgac gatttcgtcg gcggcccgcg gcggaccatg gccctggccc      60
ggcgctcgctg ggctttcctc acggcggtccc cgagcagcgt cgcagagcgg gccgacttcc      120
gggaagggaac tgaccagcga ctgagcggcg gccggcgcg ctagcgccct gaacatgcgg      180
cagtccttcg gggcgacccc gggctccgga caggcgcgcg cggaggcggc ggctcgggag      240
ggaaggaggc ggcgcgcgcg gcggaggtgg cggcgagagc ggccggcgcc cggcgcgagg      300
ccctagggag gcagttcagc gcggcctcgg gcctcgtcga gaaggatgct gtccccgaaag      360
aaaacaaaaa acgaagtgtc caagccggcc gaggtgcagg ggaagtacgt gaagaaggag      420
acgtcgcttc tgcttcggaa tcttatgcct tcattcatcc ggcattggtcc aacaattcca      480
agacgaactg atatctgtct tcagattca agccctaata ccttttcaac ttctggagat      540
ggagtagttt caagaaacca gagtttcctt agaactccaa ttcaaagaac acctcatgaa      600
ataatgagaa gagaaagcaa cagattatct gcaccttctt atcttgccag aagtctagca      660
gatgtcccta gagagtatgg ttcttctcag tcatttgtaa cgggaagttag ttttgctggt      720
gaaaatggag actctgggtc ccgatattat tattcagaca atttttttga tggtcagaga      780
aagcgccac ttggagatcg tgcacatgaa gactacagat attatgaata caacctatgat      840
ctcttccaaa gaatgccaca gaatcagggg aggcattgctt caggatttgg gagagttgct      900
gctacatctt taggaaattt gactaaccat ggttctgaag atttaccctt tcctcctggc      960
tggctctgtg actggacaat gagagggaga aaatattata tagatcataa cacaaataca     1020
actcactgga gccatcctct tgagcgagaa ggacttcttc ctggatggga acgagttgag     1080
tcataccgaat ttggaaccta ttatgtagat cacacaaata agaaggccca atacacggca     1140
tcctgtgctt cctacgtgta cctcggtatg atcaaccacc tcctgtcaca taccagccac     1200
agcaaactga aagaaatcag tcccttctgg tacctgcaaa tccatatcat actgcagaaa     1260
ttcctgactg gcttcagggt tacgcacgag cccctgtgaa atatgaccac attctgaagt     1320
gggaactctt ccagctgggt gacctggata cataccaggg aatgctaaag ttgctcttca     1380
tgaaagaatt ggagcagatt gttaaaatgt atgaagcata cagacaagcc cttcttacag     1440
agttggaaaa ccgaaagcag agacagcagt ggtatgcccc acaacatgga aaaaattttt     1500
gagctgattt tttaaaaatt taagttttgt aagagcttta aaatattttc acagataaaa     1560
aattgcaaac aagtactctg gttaataaat gctgcttctt ttgtggaaat tataaaattc     1620
taactttaca tgtattttgt tattagaaat tttcttttat tgaatgagaa aaattagtct     1680
atcattttta gagccaatat ggcaaacact ttcaaatact gtatattagg aaactgtttt     1740
ggtattcttg atggaaaaaa atgcagcgga aatgtcatta tgaacagatg ttaaataagg     1800
aattattact tgtaacttc ttacagcagt agtaccttct ttaaaaaaaa aaaagaatct     1860
gcggtatttt tttaaaaaaa aagtttactg ctgtagtggt aaatattgtc tggaaaggga     1920
tggtttaaat attaccatga tgtagttgaa atataaaata ggatttggaa ccttattgtg     1980
ataaatattt atatatgatg tatgtttgtc tccctctctc aaagtaagga acccagctgg     2040
gcgtggtggc tcaactcctgt aatcccagca ttttgggagg ccgaggtggg tggaccgctt     2100
gagtcacaga gtttaagacc agcctgggca acatggtgaa gccccatctc tacaaaaaat     2160
acaaaaaaat tagccgggta tgatggtgtg tgcctctagt cccagctact tgggaggctg     2220
aggtcagagg atggcttgag cccaagaggc agagggtgca gggtaagat cgcaccactt     2280
gcaactgcagc ctgagagaga gagagccaga ccttgtctca aaaaataaaa aaaaaaaa     2338

```

<210> 5728

<211> 1055

<212> DNA

<213> Homo sapiens.

<220>

<221> misc\_feature

<222> (514)...(1046)

<223> similar to gi3337385 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5728

```
aagtcagcag gcagtaagca agatgaggaa tcaatatagc aacagtttgg atcagactgt      60
acagtttttt tttgtttttc tgagatggag tctcgtctgt tcaaccaggc tggagtgcaa     120
tgacgtgacc ctggctcact gcaacctccg cctcccaggc tcaagtgatt cccctgcctc     180
agcctcccgga gtagctggga ttacaggtgc ctgccaccac gcccggttaa ttttttgtat     240
ttttagtaga gacgggggtt caccgtatta gccaggatgg tctcaatctc ctgacctcgt     300
gatccatccg ccccgccctc ccagagtgtc gggattacag gcgtcacacg cgctgaccgg     360
ctcagactgt actcttctag ccacttgaaa tacgttttct aggtagagat agatttgtga     420
aggggtacagt tatgaggata acagaaacgt ggcagattat taaaatcat cctgaaagtg     480
gtgctttatc tgatgaaagt gattgtaatc cataggaaaa tgtttcaacg tgcgcaagag     540
ttgcggtggc gggcagagga ctaccacaaa tgcaaagctt tttcagatca cccctctcgc     600
aagaaagcct ctttgcaact gggtcagaat ggcggcagcg gagcatcgtc attcttcagg     660
attgcctcgc tggccctacc tcacagctga aactttaaaa aacaggatgg gccgccagcc     720
acctcctcca actcaacaac attctataac tgataactcc ctgagcctca agacacctcc     780
cgaatgtctt cttattccct ttccacctc tctcttcca cctcctgg atgataatct     840
caagactcct cccttagcta ctcaggaggc cagaggcaga aaaatcactg aaaccaaga     900
ggcagagggt gagtaagctg agaacaggtc attgcactca agcctgggca ataagaagaa     960
atgtgtgagt ggaacaaaag aaaaaaatca aaaaacaaaa caaaaccac actccaaaaa    1020
caaactaaca aagaataaat aaataatata aaat                                     1055
```

<210> 5729

<211> 1642

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1221)...(224)

<223> similar to gi1707507 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5729

```
tatggcacga gtcagaattt atctatttag agataactta aatacaacac agaagctaag      60
caggttctta aaattactgg tgtctacaaa ctgcctgaat ttttgtcttt gctagttagt     120
ttcacctcgc actgctagaa agaagcaaca acagtcagta tgctattctt caacatttaa     180
tggtgccaca ggggttaata atggccttac ttttttggcc tgaattttgc caaaattagc     240
ttcaaactct ttttttgatc catttagatt tgctagatgt ccactcttta ttctgtagcc     300
tgaggaattc agtttctcta tctgtactg tactatctgt ggtgttaatt caagaaccat     360
tggcgtctct cttatctgag ctatggaaat tcttctctc aataatcctt gcattctctc     420
ttctaaaact ggaacagaat aatataaaag ggcaggacat ttcaaaacta attgcttcag     480
gtcatgatct gtgcatttaa aagcattttt agagaaggaa atactattct gtatacttct     540
tgggcaaagt tgaaaaagaa atccttttag tttggataga agctggagaa tttcaaagct     600
ggtgaaacct tgctcctgga gaaattctag tgtttccttt atagctgtgg gagaatttaa     660
```

caaaataaat	gggttttggc	ttaacaattt	tagtagccaa	acttttcatgt	tggcctcaga	720
gccacctaca	tctagataac	tctcttggag	aatttcttacc	atttgcttat	tcttctcaac	780
aggattatga	aaaacattag	gtgcagctgt	caaaagtctg	ctaatgacca	catttttttag	840
tcccaactct	tgaagaact	gaacattcag	cttctgggttc	tcttgggtctt	taatagtaaa	900
gaaagattct	ggaaactgct	ctattaactt	gattaactct	tcctcatttt	tgacagacaa	960
ctgccagagt	tttctctggg	tgtaaacagc	ggttggacta	cagacaattg	cttccgggca	1020
gcgttccaaa	atactgggta	cagcagtctc	atcggcacct	agttcttgta	aaatattcgc	1080
aatttcttca	acatagggtt	catcctctaa	aagtacccat	ccttttaatc	tacgaatttt	1140
cctaattgtca	actgaacatt	tatagagctt	ttccactgtt	cttgatattt	ctttgctcga	1200
ctgtttatca	gttgtatagg	tgaagcatgc	taagaaaggt	ctgtattttg	gagggtgatcg	1260
catctttctg	aaagaacaca	gcctgcagga	ctgggatctc	agcagcagct	tccacaacat	1320
ggctgcaatc	tactagctag	tttccaccgt	cctgggactt	aaatggactc	attctatctt	1380
acagtctctc	cccacagatc	ttgtcctcat	ccagatattc	agttcatcca	cttggggattc	1440
tttccaactt	cttctcaaaa	tgtgatcttg	tcagttccct	gcaataaacc	gtcggcgctca	1500
gctccaagca	aggcacaggg	agtcccgggg	gccaggcccc	gtccttccct	ctctctccgg	1560
ccagcctccc	cacagtcgcg	agtccccgag	gcctggagcc	gggatttcgg	tcctcgggtct	1620
caagaagctc	ccgacagttc	tc				1642

<210> 5730

<211> 3005

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3006)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2534)...(1270)

<223> similar to gi4884303 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5730

ttgaagttta	ggtaacattt	cctttcctca	aaggataaat	gattcagaag	gaatatatgg	60
taattatgta	aaaaaacaaa	aacaaaaaac	cctcatgttt	cccagtttta	accgtaaaaa	120
cagaaatcct	taaaacacat	acatacactt	aggaggaaaa	aggagatgaa	tgcccaatgt	180
ccattagcaa	gtgttaccga	ctaattctat	aattctagttt	tttctagtta	tatcccaaag	240
ttcccaagtt	tagtcctaaa	attttctttc	tgtacattta	cccatttgaa	caacatcaac	300
attaaataac	taaaacaaga	tggtccataa	aattctttct	atagattggt	ggctgaaagt	360
ctcattttcta	aaactagtac	ttcagtattc	cgaaaagctc	tctctgcgtc	ttttcatttc	420
tattagtatg	tttaggacat	aaagcattaa	aataaggcta	ctgctaattg	acaaaaatcc	480
atgttccaga	aaggaaaaaa	aaaaactaat	aattatcatg	tttgaaaggt	atgtatttta	540
ttactcttgc	aggtattttg	gacaaaaata	ttgaccagct	aattatgctc	ttccacacat	600
catgttcact	gagtttacta	ccacagtttt	agtgcacaaa	aatatctttg	aaaagccact	660
ctacagtaat	tatggcaagg	ctcattaata	tcagagggta	aagatttcat	ttgtatagaa	720
acttagaaaa	taatgtttga	aaaggaaagc	cattccatca	ggctaaatat	tttttgata	780
ttaaaaaata	tatataaata	tttcttgaat	tagttttata	gtcaattttg	atgcagtgtc	840
attgagtggg	gataaatttt	gagaggtata	tgtaaaacaa	acaccatacc	tggagattat	900

agtcttaggt	aaacatttaa	atacacaatg	tcaaggtagt	ccccctttta	aaaaattttt	960
gtaccaagt	aagtcataca	tttaatgttg	acattttctc	ttacctgtgt	gcctcacacc	1020
aataaagtac	tctgcattaa	aatttaaate	ttgagacagt	agtacagcat	tgaaaaaaa	1080
ttgtaaagca	gcttagatac	actgaactca	gattttacat	tttcatttgt	cagattagaa	1140
tataaaaagt	aagcttgaaa	atcaacttga	aaaagcttat	tcttcctcaa	gaaaaagtat	1200
gaacaatctg	aaaatgatca	actagtgtga	atgaacattg	tacatagtta	agtcacattc	1260
agtggttgct	aaacatacca	ctccctcctg	gaaattacgg	aaccatctac	atgtgaaact	1320
aagtcattctt	cgttttctac	ataatgttca	tcactgacaa	acttcattcc	cattttttaga	1380
tcttcataat	aatccattgg	tctttcaaac	ctattgagat	tttctacatt	gttccactga	1440
gttttttcag	gctcttctaa	atagtcttta	cgtattagat	tgttcactgg	atttttgttt	1500
tcttttttta	cactgtctgg	gtaaggatca	agtcattctt	gttgaagaac	atctatttgt	1560
gattcttttt	gcatacttga	tggtggaatg	tagttcttgg	caaagtagtc	tccacgaaac	1620
gtccgtcttc	tcctatagca	gaatatcccc	agcccaaaac	acttaacaag	taactatgaa	1680
gagagccccc	acccactac	actaggcaat	gacgtggggc	aattgtgtcc	atcccttaat	1740
tggtgcccac	agttgacaat	ggggaagggg	caatttttta	gggttctgtt	gctaggatcc	1800
ctcgaatgtc	aggcagttga	gggggatgcc	cactggaatt	gtagggtctg	aaggggtggg	1860
taggtaggta	gggagggatc	ttgaaatgta	ggatggactt	tttgggtcac	ttcttttgac	1920
ccaggggaat	ttggtcactt	tacagatata	aacaccagaa	taattgaaag	tcaatggatg	1980
gacaaaatga	agagtattgt	ctgaagccaa	taaaccatca	ggccattgtc	catccaacct	2040
gtccacacac	gatttgaagg	gtggtggatt	tgcatacaga	ttacatttga	gattaacacc	2100
ttttcttctt	acaaaccaat	ttccatcata	tcctgttacc	gaaacttcag	gagcatactg	2160
tatgtctaat	atgaaagagt	atcggaatgc	cttttccaag	gctggatgtt	ttacaacaca	2220
agtaattcgc	cttctcttag	caaactctgt	tggaatagc	ttgtactggc	tgataatcgt	2280
tgccgtttca	tttgaaaaag	aagttgtagt	ggattccatt	tcaccaagat	caccttccca	2340
gtcaatatgt	gcaacggggt	ttccagtggc	tgcgatgcaa	atggctgcta	ctgtttcatt	2400
tcctccatca	attaaagaat	ctggcccttt	tatcaggctc	acagtgggtt	caactaacac	2460
agttacagtt	gtagaggact	gggcatttcc	aagcgggaat	gtaacagctt	tgcagatgta	2520
ttttccagaa	tcagagaatc	ctatgttatg	cagagtaatt	gttgcacat	taagtgaagta	2580
atttttaaac	aagactcttc	cctgatattc	tccttgaaca	gagaatccat	attggggatg	2640
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tggcg						3005

<210> 5731

<211> 5889

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5890)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (4760)...(694)

<223> similar to gi3882297 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5731

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gttgagagaa	gaaaactttt	aatttggat	cactacaaag	acaaatgggt	tctacaaatt	420
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<210> 5732

<211> 2716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (593)...(32)  
 <223> similar to gi2388904 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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ctttttttcca gatgagtatt tcacctgtct ctccttgtgc ctcagctgtg ggggttggatg      180
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cacatgggat  ttacc                                     2716

```

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<210> 5733
<211> 2022
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1293)...(722)
<223> similar to gil276645 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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caacacagat ccaaataccc tcacatttta aaagtcagga ttccctacac aagttttaag      180
ctgacgggga ttcaagttct gaagttttca tacatagctt taacttgtat taaacacatt      240
gtttatttac aacggtggag agagaataag gggcagttaa ggccactttt ctctgtgaa      300
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<210> 5734  
 <211> 2296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1947)...(1305)  
 <223> similar to gi5921473 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5734

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tggtactctg	gggtctccaga	agggccaatg	ggagggccat	aattctgttt	attttcaa	840
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cacagagatt	ctgcactaat	ctgagtgaag	gtctaagggt	tggaatctcc	ccctcatgga	960
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tcttccgcct	ggtgctgggc	atatcctaag	aacttacaac	tttctgtat	tatcctgtgt	1140
gagcagctgt	caccttattg	ggggaaaaat	gcctgaaaat	tagggggcac	ttcaagtaga	1200
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aataaagcat	tttaaagtaa	agaataatat	aggaaataga	agctatcata	cttgaagtgc	1320
ccctaatatt	tcaatgaaat	tttcccccaa	taaagggtgac	agctgctcca	cacaaggata	1380
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ggtctcaaac	tcctgg					2296

<210> 5735  
 <211> 1671  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1179)...(1490)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5735

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ggctgatctt	aagaaagctc	aggggatagc	accagaagat	aaaggtaagt	tggcagcttt	180
tgtagtga	gttaatTTTg	ttatTTTaat	acttatcctc	aggaaccatt	gttcactTTg	240
ccagatttta	gatgTTTgtt	caacagacac	tacagaatgc	ctgctgTTgg	gccaggcatt	300
atcatatagc	aatgaacaag	acagtcaaag	tccctgccct	caaagagctt	acattctact	360
cccattcaag	aatatagtag	TTTTtcacgt	tatttattct	tcaagttatc	atctctgtag	420
TTTTtatat	gtctaaatac	tgtttgtcct	atggtatcct	ttgagactgt	gttcctattc	480
tggttagtct	aggtcgagag	gctcagcatt	gtaagacaca	gtattccatg	gtaaatttaa	540
ccatttggga	cccattcaag	ttgaatgtgg	ctataacctt	agtattgatg	tactggttat	600
atgtTTTtagg	aaactatgac	aaaaataagc	ttgtTTTtca	aataaaccaa	ctatgaatag	660
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ggaagcaatt	actgttctct	aatgtagagg	cagaaggcaa	atcttgatgt	acttgagttc	780
tctcagttga	catcctctaa	aattacgttt	catttctgtg	tttgtgtgat	tgctcagatt	840
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attgtgtgtt	gattgtataa	atgcaataag	aaaatgtaaa	ggTTTTgtc	tatgaatatg	1140
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ataggggttc	atgcttaata	aacatgtcac	aatacagtaa	gtaaagtggg	tttgtttggt	1260
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cttggcctcc	caaagtgtctg	ggattacagg	tgtgagccac	cgtgcccggc	caagtaaaat	1560
gtTTTTtaaa	atggttatgt	gcattattca	taaaaaataa	tggtgtccag	tctTTTTtaaa	1620
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<210> 5736  
 <211> 3035  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (2946)...(223)

<223> similar to gi29731 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5736

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ctcgggaact	tgggaacctt	cagtgcacatt	ttgtgggttag	ggatcccttt	ccaggacaaa	540
cagaccaagg	aagagctcgc	atgtgagata	tctgagagag	ttcggcgggc	catccccggc	600
ggcacagggt	gctttgggac	atcataccca	tcactctcat	tttctgactc	ctcggggacca	660
gtgttggtt	gggctgcggc	caaattccct	tcaccaaagg	tgctgctctc	ggtgatagat	720
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ggtgggctat	tcttttagcgc	cagctttggg	ttctgacaca	accgcaccac	cttgtccatg	2760
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gaacccgagc	ccccggagcc	gctgcgcgcc	ccggccccag	agctcttctt	cacgttgccg	2940

gccatggcct	gggcagggtc	ggagcccagg	cgggtccgcc	ggctcggctc	gactgcgagc	3000
gagggagaga	agcagggcgt	gaaggaggga	cgaaa			3035

```

<210> 5737
<211> 1832
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1782)...(0)
<223> similar to gil006659 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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cccttcaggc	ccccagcgca	ggcccagggc	tcggatgctt	ctgcctcagg	tagctcttga	180
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gggccgtccc	ggcagtaaat	gcccagccgt	tcccgaaca	ccagcaccac	cctctgggca	360
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cccagcagct	ggcgcaaccc	ctcagctact	atgtccttgt	gactgtactt	gcagcgggca	600
cggtcggtga	tgagaggctg	gggaaagatg	ggcacttgct	gccttcgggg	aaggcgggga	660
ccccggtatc	ctgggagctc	cagctccacg	gccgtgtcca	gcagggagag	gtagcgacgc	720
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ccatcttccc	cctcgtgccg	aattcgaatc	ga			1832

<210> 5738  
 <211> 1651  
 <212> DNA  
 <213> Homo sapiens

<220> .  
 <221> misc\_feature  
 <222> (1539)...(498)  
 <223> similar to gi5281034 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5738

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gcaaacagtg	gggtagtgg	c	catggcactc	tgaatcatgg	tatatccaag	aaagcataaa	180
ataaccaatg	tctgatatg	caatctgg	atgtgcagcatt	tacagcaaac	aacataaaaa		240
gaaagaaaga	agaatggaaa	agaaaagaag	aaaaaaacca	ccacaaagtc	ccaaacctca		300
gaaattaaca	ttcacttaag	aacacagtgg	tgaagacttt	tggtagcaaa	atctgcacgg		360
ttcttaaaat	gggagtcttc	aaaagtactt	cttcaaattc	aaaagctaag	aaaaccaaag		420
agggaaacagt	tacacaggct	tagtggagat	gccgcctgtc	atgaagatga	ccatcagtc		480
tacttcccag	acacagtga	aaccggtgag	cctgacgaac	ctgaaggaaa	aggccggctg		540
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acccaaactt	tctagcctgt	ctaccatgaa	atcaatggca	tcagccatca	taggggtccac		1020
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<210> 5739  
 <211> 3019  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3020)



<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2664)...(345)

<223> similar to gi2347131 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5739

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tgggagagcc	acccatattg	gactttccca	tctgtcaaga	aggatgatgg	catgtcggat	1560
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tggcattttc	caggctgctg	atcacctcag	tcataccccg	ggagttgtcg	ttcaggacag	1740
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ccgacacact	ctgcgaacag	tccaggagca	ggttagaggt	cagatgacca	gagcgtgga	1920
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ggtggcggca	gatgggctcc	gttccactcc	agaccccgtt	gccctggcac	tcccgtccg	2100
aagaccccgt	gagcacaaga	ttcgaggagc	agcgatagcg	gaccttgtcc	ccatgaccaa	2160
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ggagggaaaa	ggatcatctga	cttcccga	actagagctg	ggtcagcagc	tgtttcattg	2760
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tatatctata	gggtcaatag	atctccccc	caggctttgt	gtactgcctc	cacgtccac	2940
ccacccatgc	gtgcacatgt	gcaccatata	cgcgtgctct	caaacacgca	ggcaagcaca	3000
tattggggag	ttccccagc					3019

<210> 5740

<211> 1617

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (377)...(972)

<223> similar to gi5726238 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5740

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cgcaccccaa	cctcttatct	ctgtgcccc	atcacttatt	tctgcaccct	gacctcttat	180
ctctgtgccc	caatccctta	tttccctgcc	ccaacccctt	ctctgctttc	ctggagggca	240
agaacccctc	gcccccttct	cctgtctctc	ctcttttctc	tgggcttgct	ccttcactat	300
gggtaagctt	ccacccctca	ttctccttcc	ttctccctta	gcctgtgttc	tcaaaaactt	360
aaaacctctt	caactcacac	ctgacctaaa	acctaaagtgt	cttattttct	tctgcaacac	420
cgtctggccc	caatacaaac	tgcacaatga	ttccaaatag	ccagaaaacg	gcactttcga	480
gttctccatc	ctacaagttc	tagataattc	ttgtcataaa	atgggcaaat	ggctctgagg	540
gcctgacgtc	caggcattct	tttacacatt	ggctccctccc	tagtctctgc	tcccaatgtg	600
actcatccca	aatctttctt	ctttctctcc	tttctgttcc	ttcggctctcc	accccaagtt	660
ccgagtccct	tgaatccttc	ttttctatgg	actcatctga	cctccccccct	tctccccagg	720
ctgctcctcg	ccaggctgag	ccagggtccca	attctcactt	agcctctgct	ccccaccct	780
ataatccttt	tatcacctcc	cctcctcaca	cctgggtccag	cttacagttt	cattccgtga	840
ctagccctcc	ccctcctgcc	cagcaattta	ctcttaaaaa	gggtggtgga	gctaaaggca	900
tagtcaaggt	tagtgcctct	ttttctttat	cccaaatacag	atagcgttta	ggctcttttt	960
catcaaatat	aaaaatccag	cccagttcat	ggctcatttg	gcagcaaccc	tgagatgctt	1020
tacagcccta	gaccctaaaa	ggtcaaaaagg	cgtctctatt	ctcaatatac	attttattac	1080
ccaatctgct	cccagacatta	aataaaaactc	caaaaattaa	attccggccc	tcaaacccca	1140
caacaggatt	taattaacct	cgccttcaag	gtgtacaata	atagaaaaaa	gtttcaattc	1200
cttgctccca	ctgtgagaca	aaccccagcc	acatcttcca	gcacacaaga	acttccaaac	1260
ggctggaccg	gcagcagcca	ggcgggtcct	ccagaacctc	ctcccacagg	agcttgctac	1320
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ccacgtccca	tctgtgtggg	acccactga	aaatctgact	gttcaacttc	acctgggcag	1440
ccactccag	agccccgtgg	aacctctggc	ccaaggctct	cttgacttga	ctccttccca	1500
agatctttgg	gcttagcaag	ctgaagactg	acacttgccc	gatccgcctt	cgggaagcccc	1560
ggagaccatc	acggacgccg	agctgccagt	aactctcaca	gtggaagcta	tctgggtc	1617

<210> 5741  
 <211> 867  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (97)...(357)  
 <223> similar to gi288145 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5741

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cctgggcggc	gtggcgagag	accctgtctc	tacaaaaaat	aaaattttaa	aaatttagctg	180
ggcgtggagg	aggcatgcac	ctgtggtctt	ggatacttgg	ggggctgagg	caggaggatc	240
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ggacagcaga	acaagaccct	gtctcaaaaa	aaacaaaaac	aaaacaaaaa	aaatcctggc	360
atthtcatca	catttcatca	ttggaatagc	cttactgtat	ggatagtgcc	cataatttta	420
aaataatttt	taaataatta	ttgcttaatc	agataattgc	taaagtataa	tttcccaaat	480
tttgctttca	catcgacatt	tatttgctat	cactgagttt	gtacccctaa	tccattaaaa	540
agtagaaaaa	agtgaatatg	ggcatttggt	ctaagtaatg	ggagaagatg	taactggaga	600
agatggaaaa	aagttgtaag	aaccactgct	ctgtataggt	tgtaaaagca	gtattaaata	660
tgggtgctgc	ccttgctaaa	ggtaacatga	agtaataggt	agggtaaatg	cactcagctg	720
tgtgggttgc	ttgaaagatc	ttgtgagcct	gttactctt	gcagttgaaa	gactggatca	780
cttctttctg	gcgttgttta	tttttatgca	gactccagcc	tggacagcag	agcaggaccc	840
tgtctcaaaa	aaaacaaaaa	caaaaca				867

<210> 5742  
 <211> 1722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (268)...(1208)  
 <223> similar to gi6002700 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5742

agcttccagc	ccagtcggcc	cggcccgagg	gccatggagc	tccgagcggc	ggatcgcgag	60
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aatctggaag	ggcgtgaaa	aacctacgtc	ctgccctcgc	ccggcctctc	cattcgctcc	180
ccgggtagag	agggtgccc	ctcccacccc	ttcccagccc	cagccctgga	gacagcagcc	240
cctagactac	tgagggacag	cgacagcatg	aaggctccgg	gtcggctcgt	gctcatcatc	300
ctgtgctccg	tggtcttctc	tgccgttcta	cactctcctg	tgctgctggg	ccggcctgcc	360

cctctgctg	gccaacctgc	ccctggaaca	accaacttcc	ccaacagget	cccaggcccc	420
actgtgcccc	ggacccctgc	aacttcaagt	ggaataatag	cagtgtgcca	agatgggaaa	480
gccgctgggtc	ccgcgaagcc	cctgccgcaa	gctgtgcccc	tggtgtccca	gctccggccc	540
aaatgctggg	ctcaggccct	gggtgctgag	atcgacagtg	cccagagtgcg	tgttccgcat	600
gaaccaggcg	ccccaccgtg	ggctttgaag	gcggaatggt	gggcccagcg	cagcaccctg	660
cgtgtcgtct	cacacacaag	cgtgccgctg	ctgctggcgc	aactattcac	actacttcca	720
gaaggcccga	gacacgctct	acatggtgtg	gggccagggc	aggcacatgg	accgggtgct	780
cggcgccgc	acctaccgca	cgtgctgca	gctcaccagg	atgtaccccg	gcctgcaggt	840
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caagaaccgg	aggcagtcgg	gctccttct	cagcaccggc	tggttcacca	tgatcctcgc	960
gctggagctg	tgtgaggaga	tcgtggtcta	tgggatggtc	agcgacagct	actgcaggga	1020
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tgagtagctt	ccgtcgtcct	gccagccgcc	atgccgttgc	gaggcctccg	ggatgtccca	1260
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ctttccctgt	cacagacca	gaagcatttt	tttttggga	aggggtttt	ttctttttcc	1680
ccacccgggt	attgctgggg	gccccttttg	gcttatttag	gc		1722

<210> 5743  
 <211> 9502  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(9503)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1430)...(3051)  
 <223> similar to gi4773880 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5743						
atgcagtggt	cagtgataat	ggaatacttg	aaagtaatcc	cctcactcca	ggaactagtg	60
ctcagctagc	agaactaata	gccctcactt	gggcactaga	attaggagaa	gaaaaaagg	120
caaatatata	tacagactct	aaatatgctt	acctagtctt	ccatgcccat	gcagcaatat	180
ggaaagaaag	ggaattccta	acttctgaga	gaacacctat	caaacatcag	gaagccatta	240
ggaaattatt	attggctgta	cagaaacctt	aagaggtggc	agtcttacac	tgccggggtc	300
atcanaaagg	aaaggaaagg	gaaaatactt	ttgcctgcaa	ctatccaatg	gaaattactt	360
aaaacccttc	atcaaacctt	tcacttaggc	atcgatagca	cccatcaaat	ggccaaatca	420
ttatttactg	gaccaggcct	tttcaaaact	atcaagcaaa	tattcagggc	ctgtgaattg	480
tgccaaaaaa	ataatcccct	gcctcatcgc	caagtcctt	caggaaaaca	aaaaacaggc	540

cattaccctg	aaaaaaactg	gcaactgatt	ttaccacaaa	gcccacacct	cagggatttc	600
agtatctact	agtctgggta	aatactttca	cgggttgggc	aaaggccttc	ccctgtagga	660
cagaaaaggc	ccaagaggta	ataaaggcac	tagttcatga	aataattccc	agattcggac	720
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cccacctcac	atggcctgct	ctgttgcccta	tagccttaaa	aagaatctgc	aactttcccc	960
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atgccgctgt	atgaccagta	gctcccccta	ccaagagttt	ctatggagaa	tgacgcgtcc	1560
cggaaatatt	gatgccccat	cgtataggag	tctttctaag	ggaacccccca	ccttcactgc	1620
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ttgcctgaga	gcacagcggg	agggacaatg	atcaggatat	aaacccaggc	attccagcca	3360
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aaggacaata	tggacgagcc	aaagaatgcc	cgtcctgttc	aagttaaact	aaaggattcc	5820
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aaaagattgt	taaggactta	aaagcccaag	gcttagtaaa	accatgcata	actccctgca	5940
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gggagggaca	atgaccggga	tttaaaccac	ggcattcgag	ctggcaacgg	ctaccctctc	9360
tgggtccctt	ccctttgtat	gggagctctg	ttttcactct	attaaatctt	gcaactgcac	9420
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ctgtttgctg	ctgtcgcaaa	cc				9502

<210> 5744

<211> 1682

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (676)...(1265)

<223> similar to gi854065 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5744

tccttccgcc atgcttggca cgaggcgagc aaggctgcag gccctatagg ggacgacggg

60

ctggggacgc	cctgagcttc	ctggctgtgt	ggcaggtgct	ggggaagctc	tctggggccat	120
agggacctgg	ctccccctctg	agaggcccg	ctgccctggg	acaccaggg	ctgtgctggg	180
ggcctgagge	tgggaacttg	ggttcctggg	ctctgctggc	gcctgggctt	tgtggggggc	240
gaaggtgggt	gccccgcgg	gcagggggct	gtgtggggcc	tcgtggggcc	accttcctgt	300
cagtgcgcga	gggacgggtg	gacagttgcc	cctgcgccaa	gggagccac	tgccatcccc	360
cgtgggctgg	cgctgcagtc	gcgcacctg	tgttgccctg	tgacttgctt	atgtctgttt	420
ggaagctgct	tctgtttggc	cacaggcctg	tgttcctggg	ttgatggcca	cagagctgac	480
acttgggggt	tgagttccag	acttgccagc	cctgggatcc	gcttactcct	ccgcgccacg	540
gctgctgtgc	ttccagaggt	ggcgtgatgc	ctcccggggc	cacggtgggg	tgaaggatgg	600
cgagccggac	ataccattgt	tggatgtatt	ttttttaaaa	cagcaataat	tagccatttt	660
aaaggaggga	tgtacctgtg	tgtgtgcatg	tgacgtgtt	tgagcgtgtg	tgtgtgtgtg	720
caagtgggtt	cttggaatag	tgtagtgtga	gcattgtgtg	atgtgtgagc	ctgtgcacgt	780
gcatgttgta	gggtgcataag	catgtacacg	cgtgagcatg	catgtgcgtg	tacacgtgta	840
taggtgtaca	tgtgcatgag	ttgtgtacat	gcgtgagcac	gtgtatagat	gtacgtgtgt	900
gtgcgcatgt	gtgcgtgtac	atgtgtttgt	gtcttgggta	tgcataagca	tgacgtgtg	960
tatgaatgtg	cgtgtgtatg	catgagcacg	tatgcatgtg	tgatgcgcac	gttcttgtgt	1020
acttctctga	gggggcacat	atgtatgagt	gtatgagtgc	atacatatgc	atatggtgta	1080
cgtgtgtgta	ctttgtgtgt	gggcatgtat	gcgtatgagt	acttgtgtgt	ggctggtgta	1140
tggtgtgagca	tgccatgtgt	tatggatgca	tatgtgagct	gtacatgtag	agtgtacatg	1200
tgtgttgcac	gagcatgcat	gcgtgcgagt	gcctgtgtgt	gtacttgcat	atatgtggct	1260
gtgcaggtac	ccggcggtgg	tggtctggca	gtgcccgggg	aagcaggtcc	tgctcacggc	1320
ttccctgctg	ggccccaggc	ccgggctgga	gcctccctgg	ccctcttgc	ccctcagtg	1380
agcagggcct	gggtggagg	cctgggcagc	tccagggcag	gtccggggag	gccaggttg	1440
gggagcacag	gggtgggggt	tcacctgctg	ctgtttgttc	ccgaaactgt	actgtgagcc	1500
cacggcgggg	ggcagattgt	tttgaggccc	cagatgtgcc	aaaacagccc	ccaggtggg	1560
ggcgagcgag	ttttgaggag	aggggctgcg	ggggccgggg	gtgggtgtgt	gccccctccc	1620
tgaatggccc	ccaatgctgc	tgtttttcaa	taaaaccaga	gttgaaggca	aaaaaaaaaa	1680
aa						1682

<210> 5745

<211> 1145

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (177)...(771)

<223> similar to gi5706452 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5745

aactgttccc	tactgatacc	ctaggcagtg	tggtggaatt	cattgcttaa	tccccaggag	60
cccagttcct	gtgggcagcg	cctgacatgc	ctgatcctct	cttttctgca	gttcaaggga	120
aagacgagat	cttgcaacaag	gcactctgct	tctgcccttg	gctggggaag	gggtggcatgg	180
agcctctccg	gctgctcatc	ttactctttg	tcacagagct	gtccggagcc	cacaacacca	240
cagtgttcca	gggcgtggcg	ggccagtccc	tgacaggtgc	ttgcccctat	gactccatga	300
agcactgggg	gaggcgcaag	gcctggtgcc	gccagctggg	agagaagggc	ccatgccagc	360
gtgtggtcag	cacgcacaac	ttgtggctgc	tgtccttctc	gaggaggtgg	aatgggagca	420
cagccatcac	agacgatacc	ctgggtggca	ctctcaccat	tacgtgcggg	aatctacaac	480
cccatgatgc	gggtctctac	cagtgccaga	gcctccatgg	cagtgaggct	gacaccctca	540



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ggttcccccg	ggagtctgag	agcttcgagg	atgcccattgt	ggagcacagc	atctccagga	660
gcctcttgga	aggagaaatc	cccttccac	ccacttccat	ccttctctc	ctggcctgca	720
tctttctcat	caagattcta	gcagccagcg	ccctctgggc	tgcagcctgg	catggacaga	780
agccagggac	acatccaccc	agtgaactgg	actgtggcca	tgacccaggg	tatcagctcc	840
aaactctgcc	agggctgaga	gacacgtgaa	ggaagatgat	gggaggaaaa	gccaggaga	900
agtccacca	gggaccagcc	cagcctgcat	acttgccact	tggccaccag	gactccttgt	960
tctgctctgg	caagagacta	ctctgcctga	acacttgctt	ctcctgggac	cctgggaagc	1020
agggacttgg	tttgagggga	gttggggagg	ttgtaagaac	accttgacaa	tttcttgaat	1080
attttggaca	ttttaaacac	ttacaaataa	atccaagact	gtcataat	gctggaaaaa	1140
aaaaa						1145

<210> 5746

<211> 1242.

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (872)...(244)

<223> similar to gi2370153 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5746

tttttttttt	ttctatttaa	tagtgtctga	catttattaa	aaataaggaa	aaaacctttg	60
tacaggtagt	gtattagagc	aggggaagga	gcagggtcta	ctgtgttgaa	caaaaggcac	120
ccatcagaga	gacagctgca	aattcagaag	aaaacaggat	tctaggcaaa	actaactggt	180
ccacaggaga	aaatgagaga	ttcgatttgg	ttgccaggca	cacttaagcc	ctggcagcta	240
tgtggcagga	acacaagagg	tctctgggga	tggggaggaa	atgggtctcg	ctgaagggtga	300
caggctcctt	gggggacggc	cagctgtctg	gatcactgtc	caggggctgt	gtccagctcg	360
gatacctccg	aggtgagtc	acatcactag	gagccacagt	ctgttggtga	gatgcggtgg	420
atggcgatgg	cagtggtagc	gtaggtctgt	gggcagaatg	atgtagttgg	ctggcagctc	480
ggaggagtgg	aggtgggttg	gcagcagcgg	ctgtgggtgg	tctgtccagt	atgtaacagg	540
agcccagctt	gcacctgaag	tgacggacag	cgtccaaatg	tgcatggagg	ggctgggctg	600
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ggggcccggc	caggagggcc	ttcatcagct	gcacccgacc	gtccatcgtg	ccgcgcgcgc	1200
tccgaagagt	tacgctgggt	tgcgtggggg	tcagcgctaa	gg		1242

<210> 5747  
 <211> 922  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(923)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (638)...(922)  
 <223> similar to gil389766 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5747

aattgagacc	ctttgcatgt	gatggcattc	acaaggcaaa	ttacttgctg	aaagaatgcc	60
aagggtcgga	gcagttggag	ctctatatga	tgggtgccagc	tgtgggcagc	atggtgacta	120
ggttggaagt	ggcatgtgga	gttgtcaggc	accacctgcc	atttaacttc	tcatttttct	180
agtttgaaaa	tggatgagc	ttcgttcttc	ctttcagatc	catgagacaa	tagaaaccat	240
caaccagctg	aagactcagc	gggagttcat	gctgagcttt	gccagagacc	ctcaggggtt	300
catcaatgac	tggcttcagt	cccagtgag	ggacctcaag	gtaaagaacc	tangagaggt	360
ctgaaggggac	ttangtcagt	gaggtgcaca	gctgctttat	tcatgtagca	gctggtagga	420
gacccagagg	aaggagttag	gggccagatt	tttcttttagc	atgttccagg	gtccattttg	480
caattaagca	gggaaatggg	ggcagagcca	tcaagtgttg	atttagtgct	tactttgtct	540
gtcactgtgc	ttcatcttgt	cagggataca	gagtgggaaga	cctgatctct	gctttcaaag	600
cagcctacat	tctgtctgaa	gaaactaggc	tagtatagcc	gggcatgggtg	gtcacacct	660
gtaatccag	cactttggga	ggccgaggcc	gacggatcgc	ttgaggtcag	gagtttgaga	720
ccagcctggc	caacatggcg	aaaccccgctc	tccactaaaa	atacaaaaac	ttagctgggc	780
gtggtggtgc	acccttgtaa	tcccagctac	tggggaggct	gaggcaggag	aatggcttca	840
ttgaaccag	ggaggcagag	gttgtagtga	gccgagatcc	gtgttactgc	gtccagcct	900
ggggtgacaa	gcaagacttc	ag				922

<210> 5748  
 <211> 3556  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (155)...(3198)  
 <223> similar to gi220826 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5748

cgacgatttc	gtgtgggacc	aacggacgga	cggacggacg	cgcgcaccta	ccgaggcgcg	60
------------	------------	------------	------------	------------	------------	----

ggcgctgcag	aggetcccag	cccaagcctg	agcctgagcc	cgccccgagg	tccccgcccc	120
gcccgcctgg	ctctctcgcc	gcgagagccg	caagatgggg	gacaagaaag	atgacaagga	180
ctcacccaag	aagaacaagg	gcaaggagcg	ccgggacctg	gatgacctca	agaaggaggt	240
ggctatgaca	gagcacaaga	tgtcagtggg	agaggtctgc	cggaatata	acacagactg	300
tgtgcagggt	ttgaccacac	gcaaagcccc	ggagatcctg	gcccgggatg	ggcctaacgc	360
actcacgcca	ccgcctacca	ccccagagtg	ggtcaagttt	tgccgacagc	tcttcggggg	420
cttctccatc	ctgctgtgga	tcggggctat	cctctgcttc	ctggcctacg	gtatccaggc	480
gggcaccgag	gacgaccctt	ctgggtgacaa	cctgtacctg	ggcatcgtgc	tggcgggcgt	540
ggtgatcatc	actggctgct	tctctacta	ccaggaggcc	aagagctcca	agatcatgga	600
gtccttcaag	aacatggtgc	cccagcaagc	cctggtgatc	cggaagggtg	agaagatgca	660
ggtgaacgct	gaggaggtgg	tggtcgggga	cctggtggag	atcaagggtg	gagaccgagt	720
gccagctgac	ctgaggatca	tctcagcccc	cggtgcgaag	gtggacaact	cctccctgac	780
tggcgaatcc	gagccccaga	ctcgctctcc	cgactgcact	cacgagaaac	cctttgaaga	840
ctcggaacat	caccttcttt	tccaacaact	ttgtagaagg	cacggctcgg	ggcgtggtgg	900
tggccacggg	cgaccgcact	gtcatgggccc	gtatcgccac	cctggcatca	gggctggagg	960
tgggcaagac	gcccctcgcc	atcgagattg	agcacttcat	ccagctcatc	accggcgtgg	1020
ctgtcttctt	gggtgtctcc	ttcttcatcc	tctccctcat	tctcggtata	acctggcttg	1080
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ggacctctac	tcagaaccgc	atgacagtcg	cccacatgtg	gtttgacaac	cagatccacg	1320
aggctgacac	cactgaggac	cagtcaggga	cctcatttga	caagagttcg	cacacctggg	1380
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caacatccct	gtgctcaaga	gggatgtggc	tggggatgcg	tctgagtctg	ccctgctcaa	1500
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caacgacac	ctgatacctg	tgggtgatga	gggtgcccc	gagcgcatcc	tggaccgctg	1680
ctccaccatc	ctgctacagg	gcaaggagca	gcctctggac	gaggaaatga	aggagccctt	1740
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ttacctgccc	gaggagcagt	tccccaaagg	ccttgccctc	gactgtgatg	acgtgaactt	1860
caccacggac	aacctctgct	ttgtgggctt	catgtccatg	atcgccccac	cccgggcagc	1920
cgctccctgac	gcgggtgggca	agtgtcgcag	cgcaggcatc	aaggctcatc	tggtcaccgg	1980
cgatcacccc	atcacggcca	aggccattgc	caagggtgtg	ggcatcatct	ttgagggcaa	2040
cgagactgtg	gaggacatcg	ccgcccggct	caacattccc	gtcagccagg	ttaacccccg	2100
ggatgccaa	gcctgcgtga	tcacggcac	cgacctcaag	gacttcacct	ccgagcaa	2160
cgacgagatc	ctgcagaatc	acaccgagat	cgtcttcgcc	cgcacatccc	cccagcagaa	2220
gctcatcatt	gtggagggct	gtcagagaca	gggtgcaatt	gtggctgtga	ccggggatgg	2280
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gggggggaaaa aaaaaa 3556
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```
<210> 5749
<211> 2242
<212> DNA
<213> Homo sapiens
```

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<220>
<221> misc_feature
<222> (75)...(1360)
<223> similar to gi595380 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
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<400> 5749
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ccgtggctaa gccgggtcct gtcaagacgc tctctcgaa gaaaaacaag aagaaaaaaa 180
ggttttggaa aagcaaggcg cgggaagtaa gcaagaagcc agcaagcggc cccggtgctg 240
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atgtttactt	ggaaaaaaaa	aa				2242

<210> 5750  
 <211> 2329  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2330)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2194)...(801)  
 <223> similar to gi470340 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5750						
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ctgcagcacc	ggctcttcat	gaagctgggc	agcatgcact	ctccgttcag	ggcccgctca	180
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<210> 5751

<211> 2166

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2167)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1382)...(1928)

<223> similar to gi433011 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5751

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gagctgagga	ggcaggagac	tagagtacag	agagcatttt	agttctatca	caaaggtcta	180
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tattcacaga	gagtgggtat	caaggtgtca	aactttgtct	tctgatagtt	ttccagagat	300
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<210> 5752

<211> 3136

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (3137)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (3125)... (730)

<223> similar to gi3273089 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5752

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<210> 5753

<211> 2137

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (516)...(1278)

<223> similar to gi5420389 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5753

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60



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ctactgggca	gggaagacag	agttgccact	gtatgcacag	gggatgagca	gctgccggta	180
ctccaggggc	aggtgccgct	ccactagcac	gtgcagttag	acttggtcag	tgaccaggcc	240
ctgccgccgc	atcagcagct	ccaggtcctc	tggcttcaca	gtcttgccgc	cagcatgagc	300
agcaaatacc	tccagatcat	cacaaagatg	ctggaaatat	ttatctaggc	acttctccac	360
catctcaaga	gccttctctc	ccatggggca	tcttgggcat	aagaagctaa	aagagttttc	420
acattagtgg	ctcatatccc	agccttgtag	ggatcttgcc	ggggccctgg	ggccggtggt	480
ccggggccta	gggggatgcc	ctgaccaaca	gaggctctgc	aggctctgaa	gataagactg	540
cagcaccagg	cgctggggct	ggctcaagaa	actgatgatg	tcgcctggcc	tggagagact	600
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cactcacact	cacaccttct	tcttccatct	ttttctctgc	ctcttcaact	ccatcgtgta	840
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aggcattgac	ctcctctgcc	tctcctgcc	gaaactgggc	tggtttccca	gggectgagt	960
gaaggggaga	gaatacaggc	cggagacgca	gcaggccaag	gctgcatagc	tcagagaagg	1020
gtaaagatgg	accagcagac	ccagtcctgc	ccactgagga	aagacaaagc	cagaggcagc	1080
accaggacat	ggatctgaag	tctcctggcc	caacatggac	tctgctcttg	gatgaaggag	1140
gcagccacag	ccagggtgct	ctaggggcac	agaggggctt	gaggaaggaa	aactaccatt	1200
gtcaactctc	acccaagcta	aatttggctc	caggccacca	gtgccacaca	ctcactattc	1260
ttctgcagcc	caggcccaact	gctctgtgtc	ttgcgaccgg	cagcctgctc	agcgtcttca	1320
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tgagagaacg	gctgggtgtc	ctccaacaca	atgtttggag	gagccaggga	agtatctcgc	1440
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tcaggcatca	ggatggaaga	ttctggggca	gttagtagga	tgttcttcag	cagcgtccga	1860
ggtgtctgtt	cctccaagtg	cccactggcc	tgaatatggg	ccgatctgcc	aacagacctg	1920
gctccatggg	aacgccctct	ggctatcgtc	cttgtttggc	cactcaactt	cctgggggaa	1980
gccgtttcaa	gcagggtctc	ccgggctcca	gcccagcac	tccggggtcg	ccgcggggtg	2040
cgcggtccg	ctgtatccag	cacgcgtcgc	agcagcgtgc	gcggcgtgga	gtcgtctgtc	2100
gggttgtggt	cagccatcgt	ctcggccccg	gacgaaa			2137

<210> 5754

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (319)...(636)

<223> similar to gi3249069 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5754

ggggatgggg	cctctatact	tgcaaggagg	aggaacaggg	accaggctgc	cccacgggtcc	60
ctgaaggggtc	caaggagggg	ccctccccat	ggccctggag	agtgggcctg	ggtggtacct	120

gctccaggca	gggaaactgg	gggctcgccc	ttctcctgtg	aggggagcca	ggcacacagg	180
gcccattggt	gtttgggatg	tggacagagg	ggcagggggc	tgggagaagg	ctaagccgag	240
gggtcctggt	tgtgcctccc	tggcattttt	tgcagacaag	ggcttgggat	ggaccctcag	300
ccccatggta	cgccctgccc	agtttccaga	tgccctgtcc	acttacccta	ggtagccccc	360
caccccatca	gtgccgagtc	cttgctcccta	cctccagctt	cctccagcct	caaaccgcct	420
ctggatctag	ctgtccttct	ccgagtggca	cgcctgcccc	agggatgccc	cctttccctc	480
cccccatgc	ccagagcccc	gcctgcctca	gcgggtcagg	ccttcagAAC	actgccaccc	540
accagtttt	ataatccgc	tccctctcca	ggcaacccca	cccaccagcc	taggcctgct	600
cctccaccct	tcccgggagg	cagccccggg	atgctgagag	ttggtggagg	ggccaggctg	660
gacgcttct	gtgggagtc	cctccagacc	tggtggccc	ctggcagcca	cagaaaccac	720
gatggcaaaa	aatctcattg	gttctcaagg	actaacctgt	gggggaaagc	aatagagaca	780
ctctttttct	ctcttttttt	aaagatttat	ttcttgaaat	aata		824

<210> 5755

<211> 1212

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1213)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (128)...(940)

<223> similar to gil90510 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5755

ggccatagga	aaaggccccg	cgtccacgcc	tacctacagc	cctgcaccca	cccagccggc	60
ccctagaatc	gcgtcagccc	cagagcccag	ggtcaccctg	gagggacctt	ctgccaccgc	120
cccagcctca	tctccaggct	tggctaagcc	ccagatgccc	ccaggctcct	gcagccctgg	180
ccctctggcc	cagttgcaga	gccgccagcg	cgactacaag	ctggctgccc	tccacgccaa	240
gcagcaggga	gataccactg	ctgccgctag	acacttccgc	gtggctaaga	gctttgatgc	300
tgtcttgag	gccctgagcc	ggggtgagcc	cgtggacctc	tctgcctgc	cccctccacc	360
cgaccagctg	cccccagacc	caccgtcacc	accgtcgag	cctccgaccc	ccgctacggc	420
gccctccaca	acagagggtg	ccccaccccc	gaggaccctg	ctggaggcgc	tggagcagcg	480
gatggagcgg	taccagggtg	ccgcagccca	ggccaagagc	aagggggacc	agcggaaagc	540
tcgaatgcac	gagcgcacg	tcaagcaata	ccaagatgcc	atccgagccc	acaaggctgg	600
ccgagccgtg	gatgtcgctg	aattgcccgt	gccccaggc	ttccccccaa	tccagggcct	660
ggaggccacc	aagcccaccc	agcagagtct	gggtgggtgtc	ctggagactg	ccatgaagct	720
ggccaaccag	gatgaaggcc	cagaggatga	agaggatgag	gtgcctaaga	agcagaacag	780
ccctgtggcc	cccacagccc	agcccaaagc	cccaccctca	agaactccc	agtcgggatc	840
agccccaaca	gccaaagcgc	cccccaaagc	cacatccacc	agagcccagc	agcagctggc	900
cttcctagag	ggccgcaaga	agcagctcct	gcaggccgca	ctgcgagcca	agcagaaaaa	960
cgacgtggag	ggtgccaaaga	tgcacctgcg	ccaagccaag	ggactggagc	ctatgctgga	1020
ggcctcgcg	aatgggctgc	ctgtggacat	caccaagggtg	ccgcctgccc	ctgtcaacaa	1080
ggacgacttt	gccctggctc	agcggcctgg	cccgggtctg	tctcaggagg	ccgaccggcg	1140
ctatggtgaa	ctcaccaagc	tcctcgtgcc	aagcaggccg	tnntcatntt	acagagggtat	1200

<210> 5756  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (384)...(722)  
 <223> similar to gi804809 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5756  
 gctcaagtga tctctctgcc ttagccacct gagtagctgt gactgcaggc atgtgccacc 60  
 acgttcagct aactttttaca ttttttttgt agagataggc tctcagtatg ttgccctggc 120  
 tggcctcgaa ctctctggggt caagcaatcc tcccaccgca gcctcccaaa gtgctaggat 180  
 gacaggtgtg agccactgca ctgcaaaaat acagaagacc aaattattaa aactagaaat 240  
 gagaggggac attactattg ttcttagaga cataaaaagg attataatat gaataaaaag 300  
 gattatacat ataaacaata tatgctaata attggataga gctggatgaa agacacatta 360  
 ccagaaagat atgaactact gaatctgact tgagaaaaaa acagaaaagc tgaatagaca 420  
 gacctatgtc aagtaaagag attgaggtag taatcaaaaa actttccact aagaaaagct 480  
 gaagaccagc aggcagcctc actggtgaat ctaccaaata cttaaagaag aattaacacc 540  
 aatccttcat aaagtctttc aaaatacaga tgaggaaaga acatttccta acttattcta 600  
 tgaggggtgat attaacctgg tatccaaact aaagacatca cacacaaaaa attacagacc 660  
 agtattttctt atgaatgtag atggaaaaat gcttgacaaa atctggcaaa ccaaattcaa 720  
 cggagtatctc tgtaaacatg aagcagataa taatag 756

<210> 5757  
 <211> 2932  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (152)...(1752)  
 <223> similar to gi5834428 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5757  
 agaaccaccc gtccggccgc ctcgagcgcg gtcttagcgt tcagcggact cgcgcggcct 60  
 cgatctctgg actcgtcacc tgcccctccc cctcccgcgc ccgtcaccca ggaaaccggc 120  
 cgcaatcgcc ggccgacctg aagctggttt catggcagcc tcaaagaagg cagttttggg 180

gccattggtg	ggggcggtgg	accagggcac	cagttcgacg	cgcttttttg	ttttcaattc	240
aaaaacagct	gaactactta	gtcatcatca	agtagaaata	aaacaagagt	tcccaagaga	300
aggatgggtg	gaacaggacc	ctaaggaaat	tctacattct	gtctatgagt	gtatagagaa	360
aacatgtgag	aaacttggac	agctcaatat	tgatatttcc	aacataaaag	ctattggtgt	420
cagcaaccag	agggaaacca	ctgtagtctg	ggacaagata	actggagagc	ctctctacaa	480
tgtgtggtg	tggcttgatc	taagaaccca	gtctaccgtt	gagagtctta	gtaaaagaat	540
tccaggaaat	aataactttg	tcaagtccaa	gacaggcctt	ccacttagca	cttacttcag	600
tgcagtgaaa	cttcgttggc	tccttgacaa	tgtgagaaaa	gttcaaaaagg	ccgttgaaga	660
aaaacgagct	ctttttggga	ctattgattc	atggccttatt	tggagtttga	caggaggagt	720
caatggagggt	gtccactgta	cagatgtaac	aaatgcaagt	aggactatgc	ttttcaacat	780
gtcattcttt	ggaatgggat	aaacaactct	gcgaattttt	tggaaattcca	atggaaattc	840
ttccaaatgt	ccggagttct	tctgagatct	atggcctaata	gaaaatctct	catagcgtga	900
aagctggggc	cttgggaaggt	gtgccaatat	ctgggtgttt	aggggaccag	tctgctgcat	960
tgggtgggaca	aatgtgcttc	cagattggac	aagccaaaaa	tacgtatgga	acaggatgtt	1020
tcttactatg	taatacaggc	cataagtgtg	tattttctga	tcatggcctt	ctcaccacag	1080
tggcttacaa	acttggcaga	gacaaaccag	tatattatgc	tttggaaaggt	tctgtagcta	1140
tagctggtgc	tgttattcgc	tggctaagag	acaatcttgg	aattataaag	acctcagaag	1200
aaattgaaaa	acttgctaaa	gaagtaggta	cttcttatgg	ctgctacttc	gtcccagcat	1260
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ctcgagagat	tttggatgcc	atgaatcgag	actgtggaat	tccactcagt	catttgcagg	1440
tagatggagg	aatgaccagc	aacaaaattc	ttatgcagct	acaagcagac	attctgtata	1500
taccagtagt	gaagccctca	atgcccgaag	ccactgcact	gggtgcggct	atggcggcag	1560
gggtctgcaga	aggagtccgc	gtatggagtc	tccaacccga	aggatttgct	tgcccgtcac	1620
gatggaagcg	gtttgaaacc	tccagattaa	tgcgggaggg	aaagtgaat	tccgttatcc	1680
tacatggaag	aaagctgtga	tgaagtcaat	gggttgggtt	acaactcaat	ctccagaaag	1740
tgggtattcca	taaaacctac	caactcatgg	attcccaaga	tgtgagcttt	ttactaatg	1800
aaagaaccca	gcaattctgt	ctcttaattg	aatgacacta	ttcatagact	ttgattttat	1860
ttataagcca	cttgctgcat	gacctccaa	gtagacctgt	ggcttaaaat	aaagaaaatg	1920
cagcaaaaag	aatgctatag	aaatatattg	gggttttttt	tttttttaaa	catccacagt	1980
taagggtggg	ccagctacct	ttggggctga	ccccctccat	tgcataaca	tcctgctcca	2040
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aaattattaa	aatagacatt	tagtgttctc	acagcttgga	tatttttctg	aaaagtattt	2340
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tctggatctt	ataggaaaag	atactttctt	ttttcttcca	tctttccttt	ttatattttt	2460
tactttgtat	gtataacata	catgcctata	tattttatac	actgagggtta	gcccatttat	2520
aaattaagag	cacattatat	tcagaagggt	ctaacagggc	tggctttaag	tgaaccactg	2580
tgtatataaa	tatgttggaa	aacagctgta	tacatttttg	ggcaacgggt	atgcataata	2640
tttaccagga	gaattttttt	cttaacaagc	caacatttaa	aatttatgtt	ttatgtcaat	2700
aaaagaaaat	atactttatt	gtgacttcaa	ctatatttct	tatcccttac	atttttattt	2760
aattgtctta	gcttaaaaaa	agaagaaact	gtggaatact	acagtaaata	ttgttttcaa	2820
acacaagcaa	taattcaaata	agttattttt	cttttgaatt	aatttttagac	atattttgga	2880
tcctattgag	gggataagag	gatgtcaaaa	aagttaaata	cctaagtaga	aa	2932

<210> 5758  
 <211> 777  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(778)  
 <223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (519)...(107)

<223> similar to gi493055 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5758

tttttttttt	ttaagggaga	acagttttat	tagcatcaca	gggtccattt	ttccctttcc	60
atccaagcat	ccagagtctg	gtgtccttta	atcagttggc	aggttcaacc	tggaggccac	120
tggagctgcc	ggcccccaag	tacatgaatg	tgcagatgat	acacagattg	tgcacccagc	180
ttcccatcgt	tgatcacaag	tcggtatcca	tctcccaggc	cctcagcctt	tgctgtctgc	240
ttggccacaa	ggagtaggtg	tcctagaagc	tatagagaga	gcggagggac	ataggtggct	300
gctggtcttc	ttcttcagcc	tggtaatcc	gaggaatggg	cttcttagga	atgaccagga	360
agtgcacagg	agcctgaggg	gccacatcac	ggaacacaag	acactgctgg	tcctcataga	420
gaatgtcagc	tgggaggctc	ttgtccagga	tccgggagaa	gatggttggg	gctgctcccc	480
caggagttgc	ctgctgggcc	ttggccactt	cattcccac	agtcacacct	gcagctcctc	540
ggacctgccc	cccgcgcacc	cccggtggcg	ccacggctct	gcgcgcgcgc	cgcaaccag	600
cagccagcac	cacggctgcc	gccatcttcc	ctgagccgcg	ggaacctctc	acccgggtca	660
gcactcggtc	ccgcggccaa	ccgtgggtgg	ggactccggg	cncggcgaa	gcgtgggcgn	720
acgcntnctc	acccanngtg	naacnntnc	taaatttccc	nnnaaagaaa	gcagcct	777

<210> 5759

<211> 6313

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (19)...(4020)

<223> similar to gil665789 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5759

gcgagcggct	gttgaggaga	ggaggtgggg	gccgggagcg	caaattggcgt	tgagatgggtt	60
cagggccctg	ttcaaaactc	agcactgacc	attcaccggc	ggaagcggcg	gcgcaggagg	120
cggcggcggc	ccagcggggg	cacacagcag	gctctgttac	cagctccagc	agtggcggcc	180
agcgagagct	aggcccgcgc	ccggccggcg	gcgctcgagg	cggggaggga	agttgcgggg	240
ccgcccgtcc	tgccecccca	accgggcttc	ctattttacc	aaagcagagt	ccctcgcttc	300
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ccgtaaggag	cgggagaagg	cggaagcggc	cccgtggcca	aagcaccgcg	caggcttccg	420
aggagaatat	gaaactgggt	gtcaaaatga	catccagatt	tgggaaaaca	tacagtagga	480
aaggtggaaa	tggcagttca	aaattcgatg	aagtcttttc	caacaaacgg	actaccctta	540
gcacaaaatg	gggagagacc	acattttatg	ctaaattagg	gcagaagagg	cccaatttca	600

aaccagatat	ccaagaaatt	ccgaagaaac	ctaaagtggga	agaagaaagt	actggagatc	660
cttttgatt	tgatagtgat	gatgagtctc	taccagtttc	ttcaaagaat	ttagccagg	720
ttaagtgttc	ctcttattca	gaatctagt	aagctgctca	gttggagag	gtcacttcag	780
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aagatgatgc	aagcataagt	agctgtaata	aattaataac	ttcaggtaaa	gtggagaatt	960
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agaaacccaa	tgagaaaact	acagtggctt	ctgaaatcaa	ggaaacaaat	gatacttggg	1080
actcccagtt	tgggaaaagg	ccagaatcac	catcagaaat	atctccaatc	aagggatctg	1140
ttagaactgg	tttgtttgaa	tgggataatg	attttgaaga	tatcagatca	gaagactgta	1200
ttttaagttt	ggatagtgat	ccccttttgg	agatgaagga	tgacgatttt	aaaaatcgat	1260
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ttggacggac	tagagattac	actgtttttac	atccatcttg	cttgctcagtt	tgtaattgta	1560
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cagtagtaaa	acctcagagt	gtcacagtga	ggctgtcttc	aaaggaacca	aatcaaaaag	2220
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cctactcagc	cctaccaaga	tatagttact	gcactgaaat	gccagacgag	aagaccaaga	2340
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tcaagagttc	actgatgaca	ttgagtacat	gttaagtggc	ttaaagagca	ctcagcctct	2460
aaacacacgt	tgcttagtg	ttattagctt	ggctactaaa	tgtgccatgc	ccagttttcg	2520
aatgcacctg	agagcacatg	ggatggtagc	aatggtcttt	aaaaccttgg	atgattccca	2580
gcaccatcag	aatctgtccc	tctgtacagc	tgccctcatg	tatatactga	gtagagatcg	2640
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<210> 5760

<211> 3206

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2300)...(924)

<223> similar to gi5419890 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5760

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<210> 5761  
 <211> 4441  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (60)...(3466)  
 <223> similar to gil502311 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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c						4441

<210> 5762

<211> 1105

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1106)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (185)...(666)

<223> similar to gi30168 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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caaaatgaaa	actaagtaac	aagaagaaaa	taaaagactt	ccagcaattt	ttatactctt	900
tagtcattac	tgtggatata	taaaagaaat	tggtttaata	aataagaaat	attaatttta	960
gcaaatttat	aaacaactat	agcctgagat	tnnggngnt	caaactttag	aaaataccag	1020
tgaacatttt	tggttaatat	tcaaagaatg	tgacattcag	atctcntggn	ttccncgacg	1080
gttactcagg	tctctaangg	gacct				1105

<210> 5763

<211> 1731

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1710)...(814)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5763

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cagtcattct	taaagaacat	tttattttta	tacaatgttc	tttcttgctt	tgTTTTttat	360
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caatttttca	ctttcacaga	tatgaagctt	tgTTTTactt	tctcatttat	aaatttaaaa	540
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<210> 5764

<211> 1482

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1421)...(943)

<223> similar to gil246757 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5764

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aaagggacac	agaacaaaaa	atggttggtt	gcaaataaac	atctgaaaga	aagtaacagc	240
tgacctgggc	tgaggcatcc	aaacaaagca	gtcattgttg	aaggagacaa	tgcaaaccac	300
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gggcagtgtg	ttctgcacaa	tcaactggga	taaggaaagt	cc		1482

<210> 5765

<211> 5716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (218)...(4657)

<223> similar to gi406225 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5765

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cggagggggc	ggtggcgcca	agatccggac	gcggcggtgc	caccaggggc	caattaagcc	300
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ttcaacagac	acaagcgagg	ttccacgctg	gccagaaaat	aaagaggacc	atctggtata	480
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<210> 5766

<211> 2351

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(1498)

<223> similar to gi456257 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5766

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aactgaaagc	aaaggggtgct	gggggcccc	aatggccttt	cagccctgg	cctgagcaaa	1980
ctggggcttg	taagggcaag	ggccaacttc	cctgaaggtc	aaggctcctg	ggtaagggtgc	2040
cctgcactct	gtcctgcctt	tctgggctga	acaatccctg	gaaaatctgt	tctcccagaa	2100
tccccaggcc	aaaaagtcca	cagtccaaat	ggtgaagggg	tattcttcat	gccaggagac	2160
ccccaggccc	ctggaagctt	gcaacatacc	tcaaactctg	tcccagggtcc	ggatcctcct	2220
gaaagccttt	ttcgagcac	tggctatctt	ccaaagccat	ttgtaaatgt	gtgtacagt	2280
tgtataaacc	ttcttcttct	tttttttttt	ttaaactgag	ggattgtcaa	ttaaacacca	2340
gttggtttct	a					2351

<210> 5767

<211> 2238

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2205)...(506)

<223> similar to gi5912186 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5767

tttttttttt	ttgatgattt	ggatattatt	attacaaaga	atttaaata	acaagtttgg	60
ctatgaaaga	cccagctaag	ccacttaggc	aaaagtctat	ctttgatgtc	atagtttcca	120
agaagtatca	taagagtcaa	acagttaaac	atttctctgt	gctttttttt	tctattttct	180
aggaaatgtt	gggttttagag	agaagctcat	caacttactt	atacaaatca	ggatatactg	240
aggggggggg	aggataaact	cgacatttcc	atattttata	atataatgtg	gaaagattca	300
gaaatgactg	agaagataca	gtgatatgat	atttaaagca	aattattggca	tatgcttata	360
caagaaaggc	atcttacaat	aatttttctg	ttggtacatt	acaatttttc	agctagtaat	420
tctaaaatgc	cagaggtcct	atgatgcaat	atcaaaaaaa	ccagggaact	gacatacaaa	480
gtcaaatata	aagatagtaa	cattcagtc	tccacagata	aaaggctatc	tggacataag	540
cctgaaacaa	gcaagacgcc	atccactgcg	atttgcgcgg	ttttgccctt	gccacgttct	600
gcttcaaaaa	tgatgctttt	ggtagcatca	gttccttgat	acaactgaat	tttccctgtc	660
ttccactttt	catectcact	cgtggtcttc	tcccatgcc	gggcattggt	actgtttttc	720
acaaacactc	gaagtttccc	gactttgtct	ccggccagcc	ggtaatcaaa	gagcaaacag	780
aagttgcttt	ggggttgtag	gtcaggtagg	agaagtttca	atcggccaat	gtctttcctt	840
gtgaccctgc	caaaggccgg	gaactgccaa	tatagaagcc	aaatagcatt	atctccgatc	900
agcaggattc	ccagtcaaaa	tcactctcgt	ctatcctggt	tcccagtcac	agatccccc	960
gattgaagct	gcagtcaacc	gagatattta	aattctgctt	atgttccagt	ttggaagtta	1020
gcgctttcct	ttggaccgag	aatcaggccg	aattcacctg	cttcattcac	cttagggaaa	1080
aacacatctc	cctcgaaaag	gtcgtccctt	cctatgtcaa	tccttcaggg	ctttctcttc	1140
tctttttctc	tcctcaagcc	cctctttcat	tttctcttca	ttcccttttt	tacctccat	1200
gagagtcccc	gcctctggaa	actatctctt	catagttgaa	gggctgcaag	ttcaccttag	1260
gggtaggagt	cctggtgggt	tctggggtaa	cattttta	ttttgccttc	tttttcatgc	1320
tgtttttgtg	agcaagcaac	ttcttgattc	tgtctttgat	ggtaaccagg	gctctgagga	1380
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tatggctatc	catagtacat	tcatttatat	ctatacagtc	atatacgtcca	ctgatataatt	1560
gcagttcgaa	accaatgtga	catttgagc	agtagcttcc	aaatgtgttc	acacatcttc	1620
gattgtaggg	acagatgact	ttaccagagg	cacattcatc	aatatctaga	cagtctcttc	1680



catttggggc	caggcggagt	cctgaggatg	gacacaggca	ctgtggccct	tcttctgtgt	1740
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ctggcatgag	catgtggcca	ctgaggcaaa	agcacttgta	gcttcctgtg	gtattcacac	1860
atctgtgttg	gcatggccgg	ggtttcattc	cacactcatt	cacatcttga	ctgcagggtt	1920
tcccgggtga	tcctggaaag	catctgcatt	tgtttggtcc	cacgcactca	ccaaacttac	1980
atccaggttc	gcatgtagct	tcacagactc	ccttgctgtt	tcttctccag	ccgtagcagc	2040
aggccagttt	agttccatag	tgacagaccc	caggctgacg	tgccgatgct	aacaaccctg	2100
gatgccttgc	actggccgcg	ttcccgaaac	cacctgccac	ccaggagagc	agcagcgggg	2160
gcgcaaggct	ccagggcaga	ggcattctcg	cacgggtcct	ccttctctct	cctgagcccc	2220
cctcgggagg	gcgccggc					2238

<210> 5768

<211> 2123

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2023)...(1259)

<223> similar to gi930259 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5768

tggctcagga	gagcatttat	aaacttctcc	tccaaccaca	atatttactt	gaggatccag	60
tccagcccca	tcaattccta	gggttacatg	ctcccttttt	ttccagcgag	gatgaagggg	120
gttggttatt	actagttcta	aggggttaca	ctgaccactg	gtacaggaag	ggccactttt	180
ccttttctga	aggtggacag	gatccttttc	attttttgtc	caagtagcct	aagtgcacac	240
agaccagtat	ccacgttcat	ttccacacag	ccctaattca	tcacaaatgt	acttattttc	300
tgccatatag	cctctttcct	aattaagaga	accacatcct	attcctaact	tattactatt	360
aatgacagca	caggcatcaa	attttaaggt	gacttggttg	ggcaccctt	tttcttctgt	420
tttggttaac	actttactca	tatcatttat	gagccccac	cagtcctcag	tccttaatct	480
tattttaaaa	accgtggtca	tgggaggctc	agatgggtca	taacacacat	cagggttggtc	540
acttcctggg	ctacatacct	tgtacagaat	aacattatac	aaacaagtta	tttttagagt	600
tccagtacac	ttataataac	cataaaataa	taggactgta	gcaacctttt	gtcctacctc	660
agtgacttga	tgtatacact	ggaacagtcc	tcagtctgag	gaaggtcagt	tgaagtcctt	720
actgtaaaag	tccaaatttt	aaggaaaatg	agttccgcaa	tgagttttct	catgcttcgg	780
ccgtgcgtgg	accagtcagc	ttctgggtgt	gactggagca	gagcttgctg	tcttcttcag	840
agtcactttg	caggggttgg	cgaagctact	cccgtccacg	taccctcac	agtctactga	900
tgtttaagga	tagtctcgga	ggttgggcct	gctagaataa	actgagtcca	acacctctac	960
acagtatgtt	caactaggct	ctctgatacc	aggagcaagg	tgggtggggt	taggggtgtg	1020
caaacttcag	tggttatgtg	gggattttca	catagcaagc	tttggtaact	ggttaatcta	1080
gcattttgtaa	ccaatgaggt	cctttggtag	tcattaaagt	taccacagca	tggggggcct	1140
ttatattcag	gttttcttaa	gggttagttt	atctgcttct	tgtgctaaca	gggctgttgc	1200
tgctagggcc	cttagacctg	ggggccagcc	tttggaatc	ctgtctagtt	gttttgagag	1260
ataggccact	ggccttggcc	agggcctcac	agtatgggtt	aaaactccaa	ctgccatttt	1320
ttctctttct	gacacataga	gtgtaaagag	ttttgtcagg	tcaggtagcc	tcagggtctg	1380
gaccaacatg	aggttttctt	ttaactcatg	aaaacctcgt	tgttgttggt	tgtaatatag	1440
gtagtttatc	taatctacat	ttttattaac	tgtcaccac	taaaatattg	acttaaattcc	1500
tgcagctatt	tgatttcaag	ctttaaattg	atctggtatt	cctcgtggga	ctccaattgc	1560
atctaaatag	acatgagagt	cgaagaccc	ataaggggct	tctctcgctt	tacaatgtct	1620

ttcttttttt	ccttctgggt	gatgaaatgc	cagggtgaaa	gggatagcca	attggactaa	1680
agtacaagt	ccactccagt	tattcggcag	agtgcccgag	aaaggtccac	cacaatacca	1740
ccacacatct	gctcggggat	gaacaagggc	tgactgattg	ataagctctt	gaaaattctt	1800
aagctaactg	cattctttca	ggtctccaag	gaatgctaag	tttctccct	gttgtgagag	1860
acacgaagt	aacttagtgt	tgggagacag	aggctggatg	gcccttgggg	gctgatccac	1920
aggggtgctag	actttgggat	gtagcagaga	gagcttggca	tgacttatta	ctccaggctg	1980
tagaatccca	gagaagggct	accatgcagc	ctacgcctgg	ttgactggag	aaccacgtta	2040
gtggaaaagg	gacaatctgg	gcctctggcc	tgccatgtgt	acacacataa	caattgcttt	2100
tgtttaatgt	gcagatggaa	tat				2123

<210> 5769

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (141)...(722)

<223> similar to gi3150438 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5769

ccagtgaaga	aacgccagag	tgtggaaagt	ggaggacgac	tgatgaagga	tgcttgagta	60
cgtttttact	tcaggctcta	tgggagagaa	tcagcttcc	gtctgggtac	ccacaagaca	120
tcttaagctg	tgccatgagc	cagaatccaa	ggaagaggaa	aagacctgg	aatgtccctg	180
caccttggt	tcatcagatg	gctcagatga	acatctctgt	tgagcagatg	gaaaccagta	240
aaacttgcca	agcaactcca	ccgacctgtg	ggcagatgaa	gagactagct	cacattgcag	300
acgagaacct	gaggtctcag	aacaagctgc	tgaccaccag	taatctaag	atagctatga	360
tggcagtaat	ctccttggcg	gtgagtctcc	ccgtagctgg	ggcagatcaa	aattacattt	420
attgggccta	cattccattc	ccccactgat	taggtctgtt	acatgggttag	accccttggt	480
ggaggtttat	attaatgata	gtgtctggat	gcctggacca	acagataact	gaggtcctac	540
tcattccagag	gaggaaggaa	tgtaaatgaa	tgtttccatt	ggttatcgct	ttcctcccat	600
ctgcctgggg	ccagcagcag	gatttttaaa	ttatgataaa	caaatttgga	tggtttatgt	660
ccctgcacat	aatggatcaa	aagcctctat	tcatgcaatc	agtggaagaa	catttcaatc	720
tttgacact	attaaatacc	ttgagcatgg	ctatgttatg	acacatcgcc	agattaataa	780
atttaaacct	aataagaa					798

<210> 5770

<211> 1624

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (528)...(1488)

<223> similar to gi1685379 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 5770
taaaagacag tgatctcacg cggaggggaa gatgtttgcc atcaaaatgt gacagaagag      60
acacgctgca tggctcggaa cgcattctcct tgggtggggg ggaaagagac ttagaggaga      120
gaggctgcgc cctggcccag cctggctcgg ctcagctccg cgcgccatgg caagctcggc      180
ttccctggag accatgggtgc ccccggcctg cccgcgcgcc ggagcgtcgc cggccacttc      240
caagacactg gccttttcca tcgagcgcac catggccaag acgtcgggag cccgtgcgcc      300
ctttgagccc cggcctggag cgctagaggc ggacggcagc cagggcaaga aactgctcaa      360
cctctgctcg ccgctgcctt gtatgatccc cctccagccc ctaggctacg aggtgccctc      420
aaagacactg ctcagttact cggagctctg gaaaagcagc ctccggggcg gcggcgggcg      480
aggcggcggc ggcgggtggc gcggcgggcg cggggggggc ccagtgtgcg gcgccagcgg      540
cttgtgcaaa accaactgtg gcgtgtgctg caaggccgag ctgggcctgg cgccgtccgc      600
gctgcccgcg ggcaggggtc tcaagccgca ggtcatcaac caggctgtgg ggctgccggc      660
cagcggctcg ctctactact tcaactacct ggactcgacc gcgtacccgc cgtctgagct      720
cctcagcggc cacctcttcc cgtctggcct cctcaatgcg caggcccccg ccgccctggc      780
tgctcacccc aagctctttc tgctggagaa cgccaagctg gccggcctgg ctgcggaaca      840
gttcccccac ccggtctcct atccccataa ggagcgcttg ccggcgccgc tggagcaggt      900
actgaaggaa aactcggccc tgactgcga gcgcggaggc gtcaagggcc acagcaagct      960
gccaggaggc tccgcagatg gcaagcccaa aaacttcacc tgcgaggtgt gcggcaaggt     1020
gtttaacgct cactataatc tcaccgcga catgccggtc cacaccggag ccagaccgtt     1080
cgtgtgcaaa gtctgcggca aaggctttcg ccaggccagc acgctctgca ggcacaaaat     1140
tatccacacc caggaaaagc cacataaatg caaccagtgc ggcaaagcgt tcaaccgcag     1200
ctccacgctc aacacgcata tccgcatcca cgcgggctac aagcccttcg tctgcgaatt     1260
ttgcggaaca ggcttttacc aaaaagggaa ctacaagaac cacaagctga ccacagcgg      1320
cgagaagcag tacaaatgta ccatctgcaa caaggccttc caccaggtct acaacctaac      1380
cttccatagc cacaccaca acgacaagaa gccttttcagc tgcgccactt gcggcaaaag      1440
gttttgagaa aactttgact taaagaaaca tgtgcgcaaa ctccacgaca gcgtgggccc      1500
tgctgccccc tccgcaaagg acctgactag gacagtgcag agctgaagag ctactgcctt      1560
gcccttcctt ccctccctgt accacctgaa aacagatcac acatataaac ttattttctaa      1620
aatt                                                                    1624
```

<210> 5771

<211> 2641

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2517)...(411)

<223> similar to gi29472 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 5771
tttttttttt ttaagagaga ggcaatttta ttcttccaaa aaaatgcacc aagagagggg      60
gagcacagga gcacccttgg ccacatcccc catcctaagc agggctctgag atgaggccag      120
gcctgacgtg ggcttggggg aagctgacgg agctccctgt ggccttgggg agggaaccag      180
```

gcagacctgg	aagtggaact	ttgttggttag	caccaggagc	cgcccacagc	tgggctcggc	240
aacagggcag	cacatggccc	tggtgcctcc	acctgagagt	ctggggaggg	gctgggtggca	300
gaaggctccc	tgcaggaggt	cacctgaatg	actctcagat	tcacagaccc	cctctgcccc	360
cacaaccctt	gtaaacaatga	gaatgggctc	gtgacaccct	caacacctca	ggacaagatg	420
agggctccgag	atgtgtggct	gggcttcagg	cggcccagga	gctgcccggc	tttctcctgc	480
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gcaggtgtcg	tgaagtggct	tcggggcttc	tgggccactg	ctgccttctc	gggcttggcc	600
tgcaagaagc	cctgggtgag	caagtgttg	tcttctttga	tacctgacag	ggtgaggctg	660
gaagagtttg	aaggggcagt	tgtcggcaag	gatagagact	tgggcagtgt	ggacatcatc	720
agcttcataat	cctcatccac	aatgtcaaga	gccagagact	tccggacttt	cttgatgggg	780
ctccgcgcga	gcccaggctt	cctcttctgc	ttctcggggc	tgatgtcgtc	ctcgatgatg	840
agttcgatgc	cagcctcaga	acgcagcacc	tccttcaagt	cctcctccag	gtgcgggggc	900
tggtggcagg	gcttcagggg	tcggtacttc	tccagggcgt	tcttgaacgg	ggttggcggtg	960
tggggagtg	tgtccatgga	gtacttctga	tctgggggta	caaacgcagc	atgtttctgg	1020
tgcaggggtg	tcttgtcccg	gtgcagtggt	gtggtgacca	ccaccttctg	gctgcacact	1080
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ttacaggaat	ccaggaagga	cagactgggtg	ctattctcag	tgacagggga	cagagccaca	1260
cgctctctcc	tctgccgctt	gagcacagag	ggcgggtgtgc	caatgccaga	gcccccgact	1320
tcagtgtctg	gggagatggg	gatcagctcg	ccccggctgc	tccggctcag	gtctgagatg	1380
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tggcaggact	tgctgtgat	gtgacgcttg	cagctgcact	aggtgttgt	tgatactgtc	1500
ctctgcagat	ggttcctcag	ggaggtcaaa	tttactcagg	tcacaccaag	catcagggtc	1560
cgactcgatc	aagtccaggg	cttcagagag	gctagaaccc	acagcgggga	tgaggagggt	1620
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ctcacgcttc	gggaattcct	ccaagggtc	tgggtgttcg	actgcgtcca	gatctgtacc	1740
gatgggctcc	tggtccttcg	atgtgggtgc	tgctgcaagt	tcctcctcac	tgttttcttc	1800
ctcctttatg	gtaggaggga	cggagggcca	gttggtcaga	agacttcct	ggccttcctg	1860
gggctgggca	ctctggaggc	cgtccttgct	ctcgagctcc	agcagcaagt	acactggggg	1920
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cagccggccc	ttcagggtgt	tggcaatcag	tgtccactgc	tttgtgccat	acttcttaac	2220
cagctcgatg	actttttggg	cttctctttt	ggtccatggc	cccttgacaa	ggtctggatt	2280
caaaactctc	agccacctgt	actggcattg	ctgggtcagt	cgggtaggga	agtggctggc	2340
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ctcatgggtc	catttgacct	tgcaacttgc	atccctctgc	tccggcacat	ctgaatctgt	2460
gtcctggtag	tgcagctcat	ccatgattca	ctcagcgcgc	gtccgcggag	acaatcccc	2520
ggcccggacc	gcgcgcgct	cgcccgcgcg	ccggcagagc	ccggagcggg	agccggggcg	2580
gggtcaggac	cggggtgct	ccggcgcgctc	cgggccccgg	gcgcgcgctc	aaggcgtcag	2640
c						2641

<210> 5772  
 <211> 1523  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1524)  
 <223> n = a,t,c or g

```

<220>
<221> misc_feature
<222> (1484)...(417)
<223> similar to gi3875351 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 5772
cttttctaaa caaatTTTca cattgtaaac aaagcgtcct attttgtatt tgagttttgc      60
cttttcttct ctagggaact ataagagagt ttctgtgacc attaagagga ctccattttc     120
accgctgaaa tagaattatt gcccttatag tcttgctggc aaattgttag aaaaaaagtt     180
tatttacagt attttgcttt tccataccaa ttctagttag agttcacat tcttaaattc     240
ccagtcagca actgcatttc tccctccaa tgcctctcc atgacttatc tctgaagttt     300
cgagccaatg tttaaaatgt acactattta caaatgaagt gtccaaatgc catattccca     360
gctctccagt cagcaggggg acccttctga agtggtgtca tgtgctggga ttcagaactt     420
gaacaagttg ataaagtcct ggggtgaaag tgaaacggag cagctctctg gggtattggc     480
agtgacagga tggtcagtgc cttccagga aaggatgtga cagtgtttgc agagctgaag     540
ggtatctcca tactgctctt tcttgggtta acatcggaca agtttgaaat acatcttctt     600
ccaatccagc tgccctttgt ctgacagaat taatcgtttg cggatctgcc gctcggagaa     660
gtggtactgg cagagtttct tccacagcag ccggtcttcg ctgagcacgt gcaggtcggg     720
ggcagcctgg ccaggtctga ccaggtccc cccgtcgtc agcctctgca tgatgttcag     780
ttgtaggcac aaaggcaggt cagtgaaggt gaggcctttg aaggcaggcc tggatgatctg     840
aatgttgctt agctgctgct gccagtggag aatcgtctcc atccgatata cccacatggt     900
aatgttccc accagcacag acttgccgac tctttggacc agtgtacata aggatgtgta     960
gaggtctgg agtagttccc ttattagtct aatgttttgc tggctctcaa ggactttcag    1020
taccactttt tccaaaatat tcatgaagtt cttttgggag atgccactca gggatgtgag    1080
ctgtgacttt gctatcagct ccaacagccg gaccacgtag ttaaatcttc tggaatccag    1140
aatggcagtt gagaagtcca gtctgttgaa agcttcccc agggtgcaat atccatggcg    1200
ctcttttagta cttcctttgt gaacatagat ccatttttct tggtggaat actgagtttt    1260
ggttttgcta ttcagcatgt ctttctttct cttcttggct gcaacatcat agttcaggct    1320
gttgaaaaga ttctccttat tgtatacctc cttgttgtag taactgctga ggtcgctcac    1380
gaaactgccg ctcttctcat ccaggaagcg cttccagccg tcgaccgtct tcaccagtt    1440
ctgccccggg gaccgccagt cctgcccag gaatggcatg gccccgcgag cgaattcaag    1500
cncnccaact aatggtctcg aat                                     1523

```

```

<210> 5773
<211> 6582
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(6583)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (527)...(3388)
<223> similar to gi2224671 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5773

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<210> 5774  
 <211> 2107  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1839)...(242)  
 <223> similar to gil88864 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5774

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<210> 5775  
 <211> 9401  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (448)...(7689)  
 <223> similar to gil665821 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5775

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<210> 5776

<211> 2746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2598)...(606)

<223> similar to gi5579331 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5776

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<210> 5777  
 <211> 2841  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2842)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2044)...(367)  
 <223> similar to gi3142288 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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cagctcctct	ttaatctcca	ctgggtttgt	aggcttgggc	ttttttttaa	cagcagatgg	1920
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cttctgctca	tcatcactga	tatactcact	atcgtacta	tctgacttct	cagaatcctc	2040
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tgctttgcaa	ctctctatgg	tcttgtaag	attcagctgg	aacctgctac	gaatctggcg	2160
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gatcttgggg	gatgccgtca	tgtcaaagtt	gagcttgacc	ttctctgct	tgtctatctt	2640
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gtagggtgtc	ctaaatggag	agtaattaaa	aaccccaaac	ttcttgcgga	tgctctccac	2760
gtaaacctcc	atctcttgca	tggcactggt	gaagatgctc	ttagtctttt	tcacanaaaa	2820
aggaatttct	ttagacatga	g				2841

<210> 5778

<211> 2522

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1720)...(604)

<223> similar to gi330123 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5778

aagcaacgaa	acataaaaca	cacaagcgcc	ccgtgcccc	agtgaactctg	ggcctcacag	60
agcccccgcc	agccagcatg	gggccccgcc	ctgcagccag	tcacgcgcc	ccacaccgca	120
gcccccgctg	gctgtccttc	caacccccacg	tgttttttct	ttctcctgcc	cgtttctttt	180
cttcatcaca	aaaggcgtgg	agactcggag	acggacgttt	ttcccccttt	ttaagttatt	240
gacgcccagc	gcgcctcgcc	tcttcaccca	tcaacgctgt	gctttgcccc	ctggactcct	300
gaagaggggg	tggggggctc	cctcggtcgc	ccaccctggg	aagtgcctaa	ccttttattt	360
tattttattt	ttttgaggaa	aaagaacgcc	tgactcacag	gttgaagaaa	caccctgggc	420

cctctctcat	ggccggggttc	cccgtccctc	tgcagaggct	gggaagggtc	cccgggctgg	480
agccacgggg	gcttctctgg	gctgtgcctc	cggggccaac	actggctgct	tggggctgcc	540
cggggaactcc	agagggtctg	acggccaccc	tgccctggct	agagcgcacc	ccaccggagc	600
ccacgtgggc	tgggcggctg	gagggatggt	cccccggtga	cactgggaga	aaggccactt	660
ggatgggggc	gtttctgttt	tgttccgctt	tgtgatgtca	ccaatttgga	aacagcgagg	720
gtgggtgggg	acttttacag	aatattctca	ggtgtgtacc	cgagaggcag	agagagggac	780
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cccgccaggc	cacgcgcac	tgagccacag	ccccgggggc	cgctcccgg	ggccccttga	1020
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aatacgacca	ctccaaccag	cagttcccg	ctgcctgccc	gccactgtca	ggcctgcctt	1320
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tggaagggtc	aggggagacc	aggtcagggc	agctacattt	ctggtgatca	gccccatggg	1440
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caacccccac	ccttgccacg	tgtggggcca	cgtgggcatg	tgggtgtgt	gtttttacct	2040
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acgccccggc	ggcagcagcc	cccggccact	gcaaaccat	gccctgggtc	ccccggctcc	2160
cccaggagg	catccccgtg	ccaatgtccc	ccagtgggtg	cagcagatcc	tgtggccggc	2220
ctggcggacg	ggacccagtg	atacttgtat	attacacagt	cctgatttca	gacaatttca	2280
accttaatct	atttaaaaaa	gaatattcta	tacaagctgt	ttttaagcct	tttaccattt	2340
gaaatgcatg	tgttgtgcgc	gttggggatg	ggaggagggg	ctgaggagcg	gctcagtgtc	2400
acctcccaca	gccaccggcc	ctgaccctta	atccagacac	cgatggaagt	cgacttttca	2460
tatctttctc	ctgaaatgaa	ctctgtttta	aattggaata	aattttgttc	ctaaaaaaa	2520
aa						2522

<210> 5779

<211> 3152

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2804)...(208)

<223> similar to gi433338 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5779

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ccagatggag	tggcataggg	atgggtgagt	ggtaggtctt	gtagggagga	cctgagccgt	180
aggaacatgg	ccaggcactg	acagcatcac	tcgtcgcttt	gttgaaggag	cagaaggtgg	240
atttcttgga	atgagggacg	gttcttcgta	tctcttctcc	agcagctgag	catcagcttt	300
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ggtcttcgga	agaactctcc	agtatttctt	caataacctg	tttcatctgg	acagctgggg	420
aatagggggc	ttttctttga	caaaagggtga	aagttttccc	acaaagtaac	cccaaaggc	480
ccacacatca	cttgctgtag	tgaacttgcc	cagcaagata	ctctcccaag	acatccagcg	540
gatagggagc	actgcccggc	cctggatccg	gtaatagtca	ccactgtaca	ggttcctgct	600
cattccaaaag	tcagctatct	tgattgtgta	gttcttacct	actaaacagt	ttcgtgtggc	660
cagatctcgg	tgaacaaaat	taagagagga	aaggtaactt	atgccagagg	caatttgggt	720
agccataaac	ttcagattgg	tgtaactgac	agtgcgtaca	tcgctggagg	aagaattagg	780
gggctcgtgg	cgggaaaagaa	actgattgag	atctccattc	tccatgtatt	cagtgatcat	840
acagagaggg	tcacagtgga	tacacacaga	taatagatgg	atgatgtttg	ggtccttgag	900
ccgagacatg	atctttatct	ccttaagaaa	atcattcctg	gcattcttgt	tggcatctgc	960
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aaacatgatc	tcaatgtagc	cattggtggc	actctcggtc	cgccagccca	catagtcata	2040
gccggggccac	acgtgggtatt	catgggtctg	ggtgaaatcg	tccaggccag	acacaccatc	2100
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caggaacagc	accaagagca	ttctgggaat	caggatcatc	tcagaagatg	gtgttggaac	2820
tggagtatca	acgggtgtag	agcatttctt	gtggagcagg	atcctcaaaa	acagctggcc	2880
tctgcttctc	ttcaattatt	tcagcttctt	tagaataatt	caagccacaa	accttggaac	2940
tttctagagc	actgaacccc	aggcaacttg	taggtctccc	ttgatggagg	tttcatccag	3000
gggtgcacag	ttttggaaaag	aagaaaacag	agctataatc	cactgcgttt	ccccaaccca	3060
aaaagaagaa	tttgttgtga	aacgcttctt	tttccacttt	gctgggtgaag	gagcccgggtg	3120
gtaggcatac	atccacaggg	tgatgcaaga	tg			3152



<210> 5780  
 <211> 878  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (752)...(713)  
 <223> similar to gi5732934 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5780

tttttttttt	ttatgagttg	gaatcaactt	tattgatacc	tgagaaaaag	ggcaggaaaa	60
atattcctcc	tgaccaggtg	gcctgtcccc	tgaggccaga	tcattctctc	gcctctccct	120
taagccctgg	gtcatttggg	acctcactgg	ccagcaccca	gaggctgaag	acatccacag	180
ccagagcctg	ggaagccaga	cccagagacc	aggagagggg	atgtctacag	cgtggctcct	240
gaggtcaggg	ccaaggtcag	cgtgggaccc	tcatcggtca	agggccagcg	cctcttggat	300
cactgtccgg	agtccgatgg	aaaacagctc	ctcccatggt	tcccggatcc	aggcaagcag	360
ggctgtcagc	tgtccttgac	acaccacacg	gagtgcccaa	aagctctcca	gccgggacac	420
ctcatcgtag	aagagcagcc	gcaagtcctc	aggggctgag	cggtagagca	gcacggagct	480
caggctgctg	agtggctgct	gtcccttgac	acgcacagca	gggcccggcc	ccgagggagg	540
caccttctca	gaggcttgcg	cagatgctgc	tggaggagag	ggctctgccg	gggaccctgc	600
agcatcctca	tctaacagga	acaggggtga	cggagtcagc	aacagggata	cgaggcaggt	660
ggaagggcct	gcagggaaaag	aggcatccag	tgtggaaggt	catggagggg	cccagatccc	720
tggggccagc	gtcccagtgc	tgtgggggag	aagaggtgtg	aaccacactc	tgaggtgggt	780
cacaaagcag	cctgtgcccc	tggggccaag	accctccctt	tcccaagctc	catgaatctc	840
tactctggaa	tacctctgcc	tcttgggaat	tccaccgc			878

<210> 5781  
 <211> 892  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(893)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (433)...(688)  
 <223> similar to gi1345538 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5781

aaccttatta	ttactgaagt	cgcttggtta	cacacaaaca	tctacagtgc	ctcctggcca	60
ctccttctgg	acttttcttt	cctagcccag	gtcaaagtgg	gccttcggga	ggaccctgga	120

ggagaagccc	cctcctcttc	acttccaccc	tctctcttcc	acccctggaa	gtcagctttc	180
tgacctcaga	atcccagcta	tcttctggac	tcaggtgaca	agtcacctaa	gtgacagatc	240
cagcatgcac	tttatgacca	tcactctgct	cctcctgcat	cagcgcccca	cccaacagag	300
ccgaccaggc	tgggaacacc	gagaccgaga	gcgctggtct	gtgtctacaa	aggcctcctc	360
tttgaggagg	acacgcgagg	cacgggtggg	gcgatgagac	aggatcgggc	ggccttgac	420
agtctctgaa	gctgggagaa	catgacccca	tgtctcctg	ttggagtcac	cacctctttg	480
ccaacagcca	ccaaacctcc	acctccaatt	aagctccacc	cccatgtccc	cactgccctc	540
cggacatctg	ttcagcaccc	ccctcgacct	ggccaaggct	ccacgcaccg	ccctgggttc	600
ccgctctgcc	cagccccccg	ctgaagtctc	taatgggttc	ttccgattcc	acctgtccaa	660
ggtaaaaccc	tgaggttgtc	cctcctccgc	ggcacctcca	ggtatctggt	tgctcaggct	720
gaaatgtttc	ccaaggccct	ggctcctctt	ctttccaaac	cccgaaggca	gctgattagc	780
aaattttgac	tctaacctca	aaacatgttc	cagaattcag	ccacattctc	cccacttccc	840
cgcttgcccc	tgggccccgc	tattccatct	caatctctgc	nccggcgcg	gg	892

<210> 5782

<211> 1207

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (282)...(1125)

<223> similar to gi5732634 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5782

ggaggcagga	ggtcgggctg	gggaggtgca	catagtgatg	ttactttttt	cccgtgtgta	60
aatatggaca	gccgaagggt	cgtgtaaagt	ttctgcaaaa	gtgggtctat	acagagtga	120
agctatttat	tttgtgcaga	gaaaaaagtc	tggagggatg	gaaccttcag	ggtttattca	180
tattttaagat	gtagcttttt	gttgtttcag	gcattatgta	taaagcaacg	attattttat	240
ggaccaagtt	ttcatgtaac	tgttgcaagt	aaagtgcaat	atctgacccc	cctgctccca	300
gcaggaagtt	gcttggcccc	acaatcacag	cccctgtcag	gggcccgtgt	gccagtgcct	360
cctcctctct	tggccccacc	ttatcctgtc	ttgcctgctg	cctgggagac	cagccatcca	420
gagaagcacc	tgggaagagtc	tcgggcccct	ctgcaataaa	ggccgggagg	ccctgtgggc	480
agtgggctca	gcctctcccc	aggggggcag	ctccccacag	gctcctcact	ccccgcctgc	540
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ttcacgtctc	agccccctcc	gtctggctct	tcctgtgtgc	gtctgtttct	ctgggccaat	1080
tgtgagcagt	gtccccatct	ccccatccgt	ccctgctgtc	cccgcacat	tgggcctgag	1140
tgtgctctgt	atacaacgtc	atgtctgtta	caccaattaa	agaagcggga	aggcttcaaa	1200
aaaaaaa						1207

<210> 5783  
 <211> 2131  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (395)...(1798)  
 <223> similar to gi483843 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5783

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ctttggcaag	tcctgggctt	ctgtcctcat	ctgcaaaatc	gaaagcattc	ctgaggtttc	180
ttccagctct	gcatcatcag	agttgggaag	cccgcctcca	agcccggaag	acccgcctcc	240
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tgccttaggt	ggccttcgcg	tctggcggct	gtcgcgacgg	gggttcaggg	aatatttact	360
gggcctctcc	gctccctctg	ctcttgagg	tgccatgagg	tcagttagct	acgtgcagcg	420
cgtggcgctg	gagttcagcg	ggagcctctt	cccgcacgca	atctgcctcg	gagacgttga	480
taacgatacg	ttaaataaac	tggtgggtgg	agacaccagc	gggaaggtgt	ctgtgtataa	540
aaatgatgac	agtcggccat	ggctcacctg	ttcctgccag	ggaatgctga	cttgcgttgg	600
ggttgagac	gtgtgtaata	aaggaaagaa	cctgttggtg	gcagtgagtg	ctgaaggctg	660
gtttcatttg	tttgacctga	cacctgccaa	ggtgttggtg	gcttctgggc	accacgagac	720
actaatcgga	gaggagcagc	gtccagtctt	caagcagcac	atccctgcc	acaccaaggt	780
catgctgac	agcgacatcg	atggagatgg	gtgtcgtgag	ctgggtgggtg	gctacacaga	840
ccgtgtgggtg	cgagctttcc	gctgggagga	gctaggtgag	ggctcctgaac	atctgacagg	900
gcagctgggtg	tccctcaaga	aatggatgct	ggagggtcag	gtggacagcc	tctcagtga	960
tctggggcca	ctgggtcttc	ctgaactgat	ggtgtctcag	ccaggttgtg	cgtatgcaat	1020
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tggtagtagg	gagacccag	ctgcccagga	cgtgggtgctg	caccagacat	ctggccgtat	1140
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gagtagtggc	tctggcctct	ttgccctgtg	cacctggat	gggacactga	agctcatgga	1260
agaaatggaa	gaagcagaca	agctgctgtg	gtcagtgcag	gtggatcacc	agctctttgc	1320
cctggagaaa	ctggatgtca	ccggcaacgg	gcatgaggag	gtagttgcat	gcgcctggga	1380
tggaacagaca	tatatcattg	atcacaaccg	caccgtcgtc	cgcttccaag	tggaatgaaa	1440
tatccgtgcc	ttctgtgcag	gcctgtacgc	ctgcaaagag	ggccgcaaca	gccccgtcct	1500
cgtatatgtc	actttcaacc	agaagatcta	tgtgtactgg	gaggtgcagc	tggaagcgat	1560
ggagtctacc	aatctgggtga	aactgctgga	gaccaagccg	gagtaccaca	gcctgctgca	1620
ggagctgggc	gtggatcctg	acgacctccc	tgtgactcgt	gcctgcttc	accaaacgct	1680
ctaccatcca	gaccagccac	cacagtgtgc	tccctcaagc	ctccaggatc	ccacctagct	1740
gtacttgctt	catagctggg	gaaggattct	tctgaacccc	cacctaccc	cctaaaggcg	1800
tctttggatc	acactgcgcg	gctgctggct	ccatcacaaa	acaatgaagg	aggaagtggg	1860
acgcagagag	aaacgcacat	ggggagaacg	ccacgtgaag	gctgaggtcg	ggataatgca	1920
tctgcaagcc	aaggaacacc	taagaggacc	agcaaacacc	cagaagccag	gggagaggcg	1980
tggaacagac	cctgccttac	agctgtcaga	aggaaccaac	cctgccaaca	ccttctctgtt	2040
gtactttcag	cttcagaaac	tgtgcctgca	gggcttgaga	gaaatggaga	caaagaaggc	2100
cgtgggcagg	aggccaagag	aagcccagca	g			2131

<210> 5784  
 <211> 1120  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1121)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1078)...(224)  
 <223> similar to gi6002599 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5784

tttttttttt	ttaagagaaa	aggcttttta	atatgaaaac	tatgtatttg	ggcacaaaaa	60
tgcaacacac	agtaagaaac	catattctat	caattatgat	attctgtaat	ctaagaacac	120
agaaagtttt	gttattagga	aatgccaaaga	ggaaaaagaa	ctctgtaaag	tcctattcaa	180
tttactttgt	tagggaaaag	gatgtttatt	tggcttttgt	cacagttcca	tcattggctta	240
ctcttcttgt	aagttcagct	tcaatgcctc	gctagtcttc	agctttgctt	cttcaattct	300
tcactttgag	caatgagacg	gatttcggca	ttaagtctaa	ataggactcc	aattttttcc	360
ttcaaaggta	tagtctgttg	ctttaatctt	ggccagtttt	ctctgatgag	tgctactaag	420
gactggatng	agacagagaa	agcatccctg	gcctctggcc	gaaagttgct	ccctgcagc	480
ctggatccca	aatctgaatt	cctctgactt	ggcttttaga	aagtcccatg	ttctgacgac	540
gattatcaac	tttggccctt	ttctgtagac	agatgcaact	ctgctttctt	gacatcctct	600
tgtagacatt	tttctaatac	taaagttgca	gttaaatttt	tttcaagttt	ttccagttca	660
atcttgattt	cttcactttt	ggatttggtg	cgaaagagat	cagaggtcaa	atcattcact	720
gcagggataa	aactagctag	cgaggtatcc	tttgtttcaa	gggccaccgc	actgtcaacc	780
aaagcattca	gatacctgga	accagtgtga	gagagattgg	cgggggaaaa	attcacactc	840
tccatgagaa	gggtctgaag	atacttggct	tctgactcgt	attcacttgc	tttctgcttc	900
aagtcctcta	ttaccaggta	gacatccctg	tcccggaccc	tgttgcggtc	tgaaagggtga	960
tgtaaaatct	ctgtgggtccg	tgggttcacc	tcatactgtg	gaataggatg	atctccaaat	1020
atttttttta	accacgcagc	aacctgcgtt	tctctctcct	cctgcggctc	catagctgcg	1080
gctcccgcca	ctttactagg	aactcctagc	gggagatgcg			1120

<210> 5785  
 <211> 3022  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2574)...(1107)  
 <223> similar to gi30821 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5785

tttttttttt	ttcaggagcc	aaggaagttt	atttactcta	ctgggtgaca	ggagggcaga	60
gtgctccaga	ggagaccag	atacatcaac	caaggacttc	cctgagattt	ggctttgtct	120
ttccaggcct	gcacatgctg	cgtgatgaaa	tgaggcctgc	ctagacatct	gtgagggcct	180
cgagggctgc	tgccctcgact	ttctccctag	ctaagtccac	ccgtccaggg	acacagccag	240
ggcactgctc	tgtgctgact	tccactgcag	ccaaggggtca	aaatgaagca	tctgcgagg	300
ccaggactcc	ttggcatcgg	acacagtcag	gggaaaagcc	accctgactc	tgcaggacag	360
agggtctagg	gtcatttggc	aggagaacac	tggtgtgcc	agggaagcga	gcatgatttc	420
tggagtggac	tacatgcatg	gtctggagtt	cagtaaactg	gaaagtttca	cccccaagtc	480
ttaattta	caaaattgct	gaactctggt	caatcttcat	tgttaaaagc	agctttaaag	540
ctgggtgatt	tcttagtcaa	atgtataacg	aagctttttac	ttatcaattt	ctttttggga	600
gggggcatgg	gctgaaatac	atcttgtgct	caataaacct	ccccacatca	atatttcaaa	660
gcactttcta	ggttacaata	atgacatttc	aattccatat	acgcatacat	agaatatata	720
tttttaaaca	gagtgggtct	taagagtata	cttggaaacc	tcggagtcc	ccatggacaa	780
gaacaggggtg	gcccattggac	ttccagccaa	aggctccact	gtggggctgc	tttggggaga	840
gactcacagc	tggacttctc	tatccgacca	tgcaatgtta	gccagcacca	attaccaca	900
atgctttgcc	cataagagat	agaaataatg	gaactcacag	gaagaaacag	tattgataac	960
atacacaggc	ttacagaggc	caggcccagt	aattaccatg	agacagaagc	ctacagggtg	1020
cgggtgctttg	actgggctgg	gattattgat	acattttactg	attacatcac	ttcttttata	1080
aggcatatgt	taaaacgcag	tgctacttga	aagtcgaaag	gcacagcttt	ccgggggagt	1140
catggaactc	ctttcactat	ctcatccgtg	acctcctttg	cgccggggcc	tggttgctct	1200
tgcatcaag	gggctgcaga	acctcctatg	agtgccttcc	ttgaagctca	ccagggtgagc	1260
atcggtccg	ctgggtgaaa	tccttccctg	atctggctcg	aacctggctg	tcggtcctcg	1320
gagaagaagg	tcaggtaacct	ggagagcaca	gtcaacatca	cagttgccgc	ccaaactggc	1380
tgtggtccct	cgatgggttc	tgcccccca	gaaaacgcag	gcttattgga	ccttgggttt	1440
gacctgtttg	gccctgtcgg	tgaggaagat	ggaggagtgtg	gggtcgctgg	cactcatttt	1500
ggctgtggcg	ccctgcaggg	ctgggaagaa	ggtggagtgc	aacagggtcg	gtttaggata	1560
gccgatccct	gggggcgacg	tccttgttca	ttctaaagta	aggatccctg	gtcaatggca	1620
catgggataa	ggcaactgga	tatccgtcct	gtctcggaag	atctgtggga	aatgagttgc	1680
tgaaggagg	gagcagcctg	gatggcagga	aaacttgatc	tttcccaatg	gaagtcgctg	1740
tcagtgaagc	ccgaaaatgc	ctttcacttg	gggtgaaagg	tacatgcttt	ttgaatcttc	1800
accacatttt	ttgtagaaac	ctgagctcat	ccccatgtag	tcacagggtca	gagaatatga	1860
aagtcttggt	gatgtcaaag	cgacaggcga	tgatgtcctt	ggcattctcc	acagcatagc	1920
tataggcctg	gtccagggtc	aggctccttc	acagatactt	ctcgatcatc	gtcatctgga	1980
tgaccaagg	cacgttaa	acatcctgga	gccactttgt	gaaaaataaa	tggaatgagg	2040
tgacctacat	gcattgcttc	aagaagaagg	gccccggccc	gtgtacagat	aaaaatggct	2100
tcttaatttt	cataggcaat	caagaacctg	attcatatct	ctgtgtgaga	agaagatgcc	2160
tctgcgagg	gaagtgggtg	ggtctttggc	cgggtggctc	tctctattcg	ggtttattag	2220
ctctttgtca	attttactac	ttccaaaacc	gaaccaatgg	agcttaaccg	tagtcta	2280
cccttttgca	ctgcttgtct	gtactgtcca	tgggtccaca	aaatcctctt	cagcttctgt	2340
ggcatctggg	ccatgattac	tggtaggtgc	tgggttccct	ggaggacagt	cagccttgta	2400
atcctcccc	gcggcagctt	tgtagctcat	ttttaatgac	accaacatct	ttactgcaga	2460
atcaatttca	tcctttgacg	catttcccgc	tttgagggac	cttacgagct	ccccttgtgt	2520
ggcgatgctg	ttgaacagct	ccagcagaga	tgcgggtcca	ctgttgggca	tgtttgctat	2580
ctctcaggaa	ctacgttcac	agccggcctg	aggctcagagg	atttgttcag	cagacgagtc	2640
aagaccaggt	tgtggaagac	actgcagagg	tggccactgg	tcacgctggg	cagttgagct	2700
gctgagagt	ccctgccag	ccagaaatgg	tctttaatac	tcttccctc	ttctttcag	2760
tttcccttct	gaaaaaagat	gcttttgtct	ttcgttctcc	ccaccctgca	ttcagctaag	2820
ggtttcttat	aaatcaccca	gattctcaga	aacacttgag	ctcttgacca	accttcttga	2880
tgagactgtc	caatcagggg	tgggttgctt	ggggggccag	gttgagacca	atgaaacct	2940
cttgagaatc	gagccattag	ctgggtcattg	catcagccac	ccctcacccc	ccgctggacg	3000
aaatcgtcga	cccgggaatt	cc				3022

<210> 5786  
 <211> 1829  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1417)...(1828)  
 <223> similar to gi4191327 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5786

taactttttt	atttataaat	tttgtttttc	ttgactaaat	aaactttcct	ttttatttta	60
aaaattta	tcaaataaac	ttttaaaata	atttttcagc	ttagtaccat	acagttgttg	120
tccagtattt	ttagaaaagt	aaagtcttag	catgaaactt	ccttaacctt	ttttagcctc	180
atgcttttga	ctaaaataga	cttaaaaaact	gaattaaatt	tttatataca	cttatattta	240
attaatctaa	agagatagct	tacatataga	aattaagtaa	aggggagatc	tgtattttca	300
ttcaagatgt	taaaggctag	cacagaaatt	ttctaggcat	taaatcattg	cttattacat	360
aatgttttta	atagtttgct	ttgatatcag	tattgtgaat	aacggagcaa	attcagccat	420
attagttctg	ttgacttcat	gtcataaatt	ttgagaagtc	caggcgtaaa	ctaaaactct	480
tttgggtgtac	ttgaatatcc	tttgtttggt	gatgtaaaat	atgtaatctc	tgattttata	540
gttaacaata	aaaataaaat	tttaggtgag	tgaaagcagt	gatttaaatt	taacagtgtc	600
ctcttgaaaa	accttaatca	cagttaagt	atggcatggg	caatgaattt	taatcatatt	660
taggaataaa	atactagata	ttagtgtata	acaattagat	atatgttaat	tgagcactac	720
aaagcctgaa	agcttaacaa	agtggggcta	taactagtaa	ttttttggta	aaaatatagt	780
gatctttttc	tacagggtat	tattataagg	gacaaattat	agttgtaaat	tagattaatg	840
aattttgtga	gttttaaaagt	ttgtacgaac	catgtctccc	ttgtgtcata	ttttccaata	900
atataattac	ctaacaatga	cagaattata	cattttccct	ttaattctct	aagcattgag	960
taaacagaaa	aatataggga	tgaaatacac	acatgccaac	attcaaaaact	ttgtactaac	1020
tagaaacaaa	aatagaagg	gatttataaa	ggaaaatgat	ggagacattt	tagagaaatt	1080
aagtataaat	cgcaacattc	tgttttcttg	gatgtattct	gggtagcttc	tagttacttg	1140
taaacaaagt	attcattggt	tttgtaataa	agtgataatg	ttttgtttta	tagttgagtg	1200
gcttttaggt	aatttaataca	cctggaaagt	gatatttttt	taattacctt	ttgttactaa	1260
atcttatcta	attttaaata	ctatgttttg	aaagtatata	tcttgtatag	ttatcttttt	1320
atatgaaaat	gaactcta	acatatcttt	ctttcagtg	tcatatcaca	aagctcaatt	1380
aaatggtcct	ggaaaaaaa	aatcgttcca	tggtgttcca	ggccccgttc	aagaagttct	1440
tccagttcgc	agtcaagatc	tcgttccagt	tccagagaac	gttcgagatc	tcgtgggtcg	1500
aatcaagat	ccagctccag	gtcccacagg	ggctcttctt	ccccacgaaa	aagatcttat	1560
tcaagttcat	catcttctcc	tgagaggaac	agaaagagaa	gtcgttctag	atcttcttca	1620
tctggtgatc	gcaaaaaaag	acgaacaaga	tcacggtcac	ccgaaagcca	ggtgattggt	1680
gaaaacacta	aacaaccctg	agcccagggc	caacccttac	ggaacaccac	tactttaccc	1740
agacgccaca	ggtcatcatc	tggatcatcc	cattctgggt	cccgttcaag	ttcaaaaaag	1800
aaataatgta	ttaaaattta	catcttaaa				1829

<210> 5787  
 <211> 1327  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1085)...(884)  
 <223> similar to gi288145 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5787  
 cccacgcgtc cgcggacgcg tggggaaaga aggcgcgcga gctaagccca ggtctctcct 60  
 ccgcagggttc cagctccttt cctggagcgt gtgtgggggc aacaaggacc catgggttca 120  
 ggaattgatg agctgtcttg atctcaaaga atgtggacat gcttactcgg ggattgtggc 180  
 ccaccagaag catttacttc ctaccagccc cccaatttct caggcctcag agggggcatc 240  
 ttcagatata cacacccttg cccagatgct cctgtccacc ttgcagtcca ctcagcgcgc 300  
 caccctccca gtaggatcac tgtcctcgga caaagagctc actcgtccca atgaaaccac 360  
 cattcacact gcggggccaca gtctggcagc tgggcctgag gctggggaga accagaagca 420  
 gccggaaaaa aatgctggtc cdacagccag gacatcagcc acagtgcggg tcctgtgcct 480  
 cctggccatc atcttcatcc tcaccgcagc cctttcctat gtgctgtgca agaggaggag 540  
 ggggcagtc aagcagtcct ctccagatct gccggttcat tatatacctg tggcacctga 600  
 ctctaatacc tgagccaaga atggaagctt gtgaggagac ggactctatg ttgccaggc 660  
 tgttatggaa ctctgagtc aagtgatcct cccaccttg cctctgaagg tgcgaggatt 720  
 ataggcgtca cctaccacat ccagcctaca cgtatttggt aatatctaac ataggactaa 780  
 ccagccactg cctctcttta ggccctcat ttaaaaacgg ttatactata aaatctgctt 840  
 ttcacactgg gtgataataa cttggacaaa ttctatgtgt attttgttt gttttgcttt 900  
 gctttgtttt gagacggagt ctgcctctgt catccaggct ggagtgcagt ggcattgatc 960  
 cggctcactg caacccccat ctcccagggt caagcgattc tccctggcct cctcctgagt 1020  
 aagctgggac tacagggtgct caccaccaca cccggctaatt tttttgtatt tttagtagag 1080  
 atggggcgct gagggtgactg caagggtggac aggagcatct gggcaggggt gtggatatct 1140  
 gaagatgcc cctctgaggc ctgagaaatt ggggggctgg taggaagtaa atgcttctgg 1200  
 tggggcaciaa tccccgagta agcatgtcca cattctttga gatcaagaca gctcatcaat 1260  
 tcctgaaccc atgggtcctt gttgcctcca cacacgctcc aggaaaggag ctggaacctg 1320  
 cggagga 1327

<210> 5788  
 <211> 2029  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1944)...(1946)  
 <223> similar to gi868213 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5788  
 tttgatggaa aaatggaatt ctcaagttcat ttgaagaata cagattagca attaaaaaat 60  
 acagcagtat ctcaaggaaat aaacattatt ctcatctttac aaaaaagtgt atgtgaactt 120  
 taaaaaaatc tacactacaa tatgaattga tattatctct gggtagaatg ctaacaattt 180

tattttctcc	tttactgtat	tcactaaatg	tttcacatta	aatgttgat	tacctttgaa	240
atcagaagat	acattgtcta	aaactgatac	atcaaggaaa	tagttgtata	aggcatatta	300
cctaaacaca	gagggttacc	aacaggaaat	taaaagtggg	ttaaaaatga	ctcctggggg	360
gaactgtaag	gaagagggaa	gggtgaaggg	gaaggaaatg	ggttgctttc	cattctaaat	420
cttcacacaa	tctattctta	aaatcagaca	agggtgtgtg	taaatttttt	caattattaa	480
aaaaaattat	ttcttcta	aggaataggg	ctttgagAAC	cctattaatt	gtaatagggt	540
tcaattcagt	tagtcaactca	agtattataa	aatgcaactg	gatttacaga	aataatttcc	600
tacctacact	gacagtatat	ttaaactaaa	aaaaaagcat	acaatgtaca	aacaaattta	660
tttacaAAAA	ttacaattac	aaactgtaca	aattgagaca	atttcccatg	cctccaacag	720
aagccaagag	cctttactgt	caaatggcag	ttttgttac	ttttaaata	cacacaaaaa	780
gaaatatgat	gcctattcag	tcatccactg	ccagtttaaa	aatgcttttc	taaataattc	840
caagaagcct	attagtata	tgtatatgga	taatttccct	caactctatt	tctagaatgg	900
ctatgtacaa	atccagcaaa	actggaacag	aacagggtaa	gaaagcacat	agcaactgct	960
ttttcaacag	taaattttga	ctattccctt	aaatatctac	ctagtggctt	aaaactaaaa	1020
ctatgggtctt	tggcttttaa	aagaaagtca	aaaaattttg	acttttaagt	actgcacaat	1080
tctaccaaag	ccagtgttta	cctgggtatt	ttttgtcacc	tgtagtttac	atttccctgc	1140
tactgttaaa	gaaacagaat	tctacagtat	tcaattctgt	atattgtctt	ttaagggttt	1200
tcaatcagac	tcactactac	tgtctgagga	gtccgttgac	ataatctcta	catcatcttc	1260
attttcttta	ttatgccag	gaggttccaa	caaaaagtca	ctactatgat	ttggtggtaa	1320
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tttctccttc	gcttggtaaa	cagctgttgc	cagtatttgt	tctgcttctt	ttagctgttt	1680
ttgtagctgc	tgaatatcac	tgtctctctt	ctctacttct	ttttctaaaa	cttgcatctc	1740
atgatgaatt	tttccctgat	taagtgcaca	tttcattagt	tcttgaaatt	ccccatctcg	1800
gtgaattaac	aactccagga	cctgggtttc	ctctccagcc	tgtacaact	tttggtttct	1860
tgaattgcc	agcatttcta	taagttccct	agacaggacc	tccaagtctt	caagcgcaga	1920
cagcagccgc	tctcgtgtgc	tgttaccacc	cgccactccc	aaaccgcctc	ccagcgcctc	1980
cttctccttc	tcaccactcg	aagacgcagc	cattttcccc	agagtcccg		2029

<210> 5789

<211> 3356

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3357)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2848)...(1116)

<223> similar to gi5748565 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5789

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aaagcagaat	tcattcatta	taaggaagga	tttctaacaa	ttagaatttc	taacaattag	180
aatcatccag	ggcctcagga	ggtgcggaag	ttcctgtcac	ctaagtgtc	aagcagaggc	240
caggtgtcca	tatgctagaa	atggagaaaa	ggaaactcac	cagcaacttc	ccctcagctg	300
gccctccatc	accaatgctg	cagtccttgc	cgtgacatgc	tgagctctgg	aaggagcgaa	360
ggaggggctg	cggtgttcag	acaagagcct	ggacacagtg	ctgctgacag	ccaggggagg	420
ctctcagcgc	tgggaggggc	gacagataaa	gcgagacaga	ccaaggagta	aatgccttgg	480
ggtctgctct	ttgggaagga	agaggatgga	agtactaaca	gcagacgggt	ctctccaagt	540
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cacctcttgc	tgctggcaaa	ggcccaagt	ctgtctaaca	aggccagcag	gttctccaag	660
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cttaagtaac	ttacagtaaa	agacaggggc	attaaggcgt	taataccaga	ggatggagg	780
tcttcctttc	cactgggtgg	tctctagcc	agagggtct	aaggggcgga	tgctattgct	840
gcttttccag	ggcacagggc	agtcaggacg	gagccttagc	acacaccagc	tggaggccgg	900
cgtccctgct	cttgggaagt	ggttccctgg	ccaccggggt	tgacctctct	cgctagcagg	960
gccacccag	ctcactcccc	gcgtcttcca	tcccccttag	gattcccatt	gtccccact	1020
ccagcactag	gcaggcaccc	ccagcccact	gcgactccca	ccacgaagga	ccccagccct	1080
ctctcagcca	acacggcccc	gcccaccgtc	tcagacatcg	tgcttcttct	ggtgggcccag	1140
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<210> 5790  
 <211> 2319  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2082)...(514)  
 <223> similar to gi5764665 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5790

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tggggagacc	caaacatcaa	gctgggggag	gggtgctgag	tggaggtaga	agggggcaga	180
ggggcccctc	agctgagtc	ttagggaggg	aagggtatcct	gggtctgcc	cagcttgaaa	240
cagaagctgg	gggccacaag	gccctgaatc	aggeccaggca	gggtacaggg	gcctgggagt	300
cctgctcctt	tgctgtgaga	cctttagggg	atgggatcca	tctctgagtg	gtttctcccg	360
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gatctgcagt	ccctgccaac	aacctcctcc	tctgctctct	gggcagtagt	ggcctgctcc	480
tggacactgc	tttgagtcga	tcacctggac	ctagagctca	tctcggggct	ggggttggag	540
gctgtgcccg	ctgctgccag	tcaggtccag	gcgggggctg	cgagggtct	tttgggagcc	600
gctccagctg	atgaggcggc	cgctgtcatc	atcccatgga	gaggatgtct	ccgtgtcact	660
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gaggtagatc	aggtcccaag	acagtttctc	tgctccaca	tcctccatca	gcccgcacca	1020
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gacctcttcc	atctgggtag	aacctgggct	cgccctcagg	cctccagacc	acagcagcat	2040
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ccaggtagtg	gggcagcgag	tggtcggcat	tgccgggccag	gatggcaagg	accacggcgg	2220
gcagcggcga	ctccgcaacg	cccgcagcct	ccagccacgg	ccccagcagg	agcagcagct	2280
ggagcaacgg	cgcggcgcg	gcagcgcgca	tggcggg			2319

<210> 5791  
 <211> 3679  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (341)...(3349)  
 <223> similar to gi4529889 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5791

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tgacactctt	cctctgagga	aatagcacc	gtgggtgcca	gtttgtggct	actggagcct	180
cacatggcat	ttggaggtgt	ggctcactac	cccacccccg	cctggggctc	caggctaacc	240
catgcaaaac	tgtatgtgct	ctctgacct	cagtgtgtct	cctctcggtc	cacagccccc	300
ggtccttgag	aagcggcccc	ctgaaataca	gcatttcgc	atgagtgatg	atgtccactc	360
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tgtcggagga	gttaggttct	gcccggcggt	caggagaagt	gacctgacg	aaaggggacc	480
ccgggtccct	ggaggagtgg	gagacggtgg	tgggtgatga	cttcagtctc	tactatgatt	540
cctactctgt	ggatgagcgc	gtggactccg	acagcaagtc	tgaagttgaa	gctctaactg	600
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<210> 5792

<211> 4721

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4442)...(591)

<223> similar to gi5915904 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5792

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aattcccaag	taggttttta	ataggcccc	cataaagaaa	aaaatttttc	cttgccatcc	180
ccggttaaaa	ttgggcccc	caagggttct	tttaaaagg	ccccctttt	ttttttttt	240
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ggtgcgagtg	atgtctacta	cgtgcgtgtg	tgtgtcfaat	tgattcaatg	tctccagcag	960
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ggtcagccgc	acattggcct	cacttagctc	ctctccctta	atcttgagtg	acttcttcaa	1560
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ctgataactg	gatgcagcgc	catctgagcc	cttctcttcc	atctcagcct	tgaggatctc	3420
taagtacgta	gtgagctcgt	ccaccgcgtc	cttcagtgcc	tccacctcct	gctgcagggg	3480
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cgcctccttg	aggcgccgct	gcaggctggc	ctgctgtctc	tgcattttgc	tcttccattc	3660
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cccagtactg	gctgggcgcg	tgggcttggg	tcgccgagtt	gtggtctttc	gggctgtcgg	4020
tgcttcttta	ggcttcagtc	cccgcagttt	gctagtcttt	gcagttgtat	cagttccctc	4080
tcttttgagg	acttttgaag	cagaagaatc	aggtgtctct	ggggaagtag	tatctgctcc	4140

atcttcaa	at	acctggatct	gggactggcg	cacaaagatg	ccatgccctt	catcacaagt	4200
gaagtacttc	ct	gccttgaa	cagttccatc	atctttgccc	tttgcttcat	ccagaatcac	4260
gcctacccat	tt	gccagtgg	caaacagtgt	ggctccaaca	taggccacag	tgccctcggtg	4320
gcctttttcca	at	cacctcta	cacgggagcc	caccgcgaga	ggccggggcgc	ttgcctccgc	4380
actcatectg	ct	gccgctgg	gcgtccggct	gtacacgtgc	ctcttgctct	gtgccatggt	4440
gctcaccg	cct	ctacccc	ctccccagc	tggccaaaga	cagagagaaa	aggtagaaac	4500
ctaggcagga	gggt	cagggc	gctgggccct	catagaggga	cacaggagtc	gtcaggcaca	4560
gcctcccca	gtcc	atgggc	ctcactcggt	ggcctacacg	ggtaggggtg	ggggcagtga	4620
tgggggctga	ggag	caagtc	ccctctgctg	cctgaggatt	cctgaacca	gagacacaga	4680
atcctgcttg	ccag	ctgatg	agtctcactc	tgcgctagtg	c		4721

<210> 5793

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(787)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (626)...(385)

<223> similar to gi687821 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5793

tttttttttt	tt	gactgaac	gattttctaaa	ctttatggaa	aaagccaatg	acaatcaatt	60
agccaaaaac	gag	acgcca	atcccatctc	actccagcgc	catgccctct	tctcaaacgc	120
tcgccggctc	tagg	acctct	ccaccagcac	agttctcagg	agtcctgctg	gtctcccagt	180
gctgtttctaa	gggt	ccacat	gaaggcaggt	caggcgggac	tccccgggca	agcatttctg	240
tacgcggaaa	gcac	gagggc	caggagccat	ggagagccgg	tcctttggag	acaggaatac	300
ttaagaggat	tgg	caaaccg	gagaaacgct	gggagagggtg	ccccgcactg	cgggtggttaag	360
gcagagtctc	agtt	ctctctc	gggcttgctg	gctggcggtc	cacaaggctg	aagcatcttt	420
tccatcaagt	tga	agcggac	tcgcgctttg	ctctcattct	ccgcaatggc	gaagtagttg	480
agaaggtcga	agt	ggcccat	gtaggagcag	tacgagtcgc	ggtggttggt	caccagccac	540
tcccacttgg	tggt	gtcggc	gtggcccgtg	ccgatgtact	tggactgcag	gtgctccagc	600
tggctatgga	tggt	gtagcg	gtcagtcac	tcgccgcttt	ccccttcgct	ctcaggtcag	660
aggacgcagg	taaca	actcg	ccgctctagc	gttttacagg	agagtgaagc	caccgcgcgg	720
aagctccagg	tccg	cgcctg	cgcagaagaa	tggcggaatt	ccnccncatg	gggtagcgaa	780
ctcgat							786

<210> 5794

<211> 1070

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (353)...(764)

<223> similar to gi4406556 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5794

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tttcgtctca cttcagccag agagcggggt tagggcttca ttgccttggt tcctctgctc      60
cgggagactt cgggtgattct gccactccct ccgtcgctct gtgacctgct ggcattgaat     120
gatttatagc taagactcca ggacaccctt gaagccgaga aatgaaatcc caagttgacc     180
gtcaagtcca acgctcgctg cagacatcta gtggaccggg cgctcgcgga cggaagcgga     240
cagacctagt tggatcctta tcccaccaat ctggcccacc tttgctgcca tctaaccaccg     300
ctgaccgggc caccgttctt ccactgtccg ctggttgacc cgggcagcgg agagaggagg     360
gtgttgctca tggaaatatg gattcttcta cagcaaacat gtacatctat atcatgtgga     420
acaaggatag tgggaaaacc tctgattgtg aggacgtaga actgagaaga gcatatgaaa     480
tgtcataaga aaaacacttc tggagcatgt cgtcttcaag aaaatggtgc ccagacagtc     540
aggattgtgt tacattttta taggaatggg gatattttgt atatactgac aaaccaagac     600
aggtgactat aaaactgcaa tgtaaagtgt cagcttcttc tcacaccttt atagtagaca     660
tctgagaacc tcaactcctgt cagcatattc ttggggttga atctcaagtg atccatagaa     720
tcttagataa agcagatgaa aataggcttt tctgtcttcc taagtaaaca gcaatgaagt     780
tgagagaaag aagatattgc tgggaagtcg gataaagtct atcttctgtg accatatgtt     840
tccttagaga gttttagaca ttgacctca tctaataaat tgtgaaaaag gactctcacc     900
agtctgttaa tatgtatgta tatgaaagaa attactggta aacttctaag gcaggcattg     960
gtgttacttt tttttatctt tattgtgtct gtaaaatgat tgtgtgtatt ttttctttga    1020
ttagacaatg agattcccaa ataaatttta ttaaagccaa aaaacccttt                    1070
```

<210> 5795

<211> 1502

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1330)...(1020)

<223> similar to gi4877643 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5795

```
ggctgtcaat gctgaactta cagtgttaaa gttcatttat ttttctctgt ttgctttttt      60
gttgaaaatg tagctgtctt ggggtttggc ccgattttac aaggaaaatt attttctttc     120
ttcctttttt attttaaatg agaaaaaata aaaaccctca caacgtgaga ttcttttact     180
tctgcagcat aaaagcaaat gaaggtaaga aaatctcctg gtacgaaaaa tttgagtaag     240
aattctctct agaataaaca aggtccccac agatagctga aggaaagagg aagcagttca     300
gtctggcacc cgggtactct tgggaaaaca aaaagggagg cagattgcat tactgtcttc     360
ttctcataga aaacggtaag tttttgtggc atggtccatt gtccaagagt gtaagaaaag     420
```

aagtgagttg	gccattcaga	tagctaaaat	gcagtttcat	ctgacaaaaa	acccaagatt	480
atctgcacag	tctctgcagt	gccaggacaa	tgcaggtgag	agaccaggag	agcagggagt	540
ggccacgctg	ggctgcagaa	gagtcacact	ctctccggtc	gggatccact	gcgggggcct	600
ctgtggtgac	aaactcaaac	tccgtgggac	acacgtcatc	catgcaccca	ctgccactcc	660
ctgagccact	ggattcatca	cttgtgtcct	ggaaattgac	atcattgccca	ttgtaggcgt	720
tttttagttt	gttggtcate	acacggagag	ccataatctg	ctgtctgatg	aaagtgtcag	780
gccgagtgat	gtccacatcc	cacctcgga	ttgttgatct	ggttggtgag	cccatcattc	840
atgatctcag	gcaagtatct	ggctttgctg	tgcccgttcc	agcattcctc	ctcgttggac	900
gtgcccgtg	tctagctctc	gtccttgcat	atagtgtagg	gtaatgctga	ccagaccttt	960
ttagagagct	tcaattttct	ttttatgtct	gtgaccagcc	ggtccaagct	tgtgcctgca	1020
gcagttgttg	gtctttctct	aggattgtag	ggcctgaaac	gtgtattaaa	attttcagga	1080
gctgagcggg	cagatctgag	ggctggagca	ggtttgggct	gaccacatcc	ctgaaagacc	1140
tttgagacac	cctgcatgct	gttttcttgc	atgttcataa	tggcttcaga	aatcttgaca	1200
tctatcgggt	ccatgaccga	ctcaatgttg	aatggccctc	ccagtcgctc	tgccaccaag	1260
agcattgcat	ctgttaaaat	acaggaacat	gattttattg	caaactggga	gctccagggt	1320
cccaacctgt	gtttaaacat	tgttaaaaca	actggatgaa	aaataatggt	gcattcacgt	1380
ttttaaattt	gctttcatat	agtccaaaat	gaaatagatg	actgaatctt	aggacgactg	1440
tattttgttt	gaagattcaa	aattatttta	tatgtctaga	accagggctg	aaaataagaa	1500
aa						1502

<210> 5796

<211> 1143

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (502)...(822)

<223> similar to gi2318003 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5796

acgtcatatg	catcagaata	agctgtttta	tttttgtatt	agtagcgggc	taagttatta	60
acaatcatac	tttcttggat	agaacattt	ttaacaagga	tatcttctaa	agaatgtgta	120
ttcgatatagc	ataccaatac	cttttcacaa	ctgtggaatc	agaataattt	atggcattcc	180
cgatagaggà	ggcagcattg	tttttattga	ttggaataag	gaaaattttg	aaggatgtat	240
atatagcttt	tagttccatc	tccgcttgct	ttatgattcg	attatttgtt	tacttacttt	300
catatgggca	taacatgaat	ttaaatacaag	cagattttaa	atttttcaac	agttggaacc	360
taagctttct	gaggtgaaaa	atgtttctta	aaaggtttgt	aggaaagaga	tttaacgagt	420
cttttcaatc	gtttaataaaa	agtatacact	gagcgccttc	tacagagttg	ggcaggtgct	480
gccgagaagc	ttagcgctac	gccggcctcc	aagaccgcac	atccggggaca	ttcgagagtc	540
agtcgagggc	cccgcctcc	taagggcggg	gccactgggc	aatcggcgca	ggccttcgt	600
cgtgccccgc	ctcgtctgcc	ccgccagcgc	gtcgagggag	gggccagcga	cacatggcct	660
agtaactgtc	cggccgcggc	gctggcttaa	gccatggctg	agggtagccg	gattcctcag	720
gcccggggcg	tcctacagca	gtgcctgcac	gcccggctgc	aaattcgccc	agccgatggg	780
gacgtcgcg	cccagtggtg	ggaggtaacg	tcagcccggc	agctctcggt	atcctccggc	840
gtgcggggcg	gttttttccg	cgttgtctcg	gtgactcgtc	cgctctgtgt	ctccctctga	900
gaccggcggt	ccggccgcgg	ggataccggg	tcagcttgaa	gctggccgcg	gtggcctgcc	960
tggctgcgct	tgtcttttcc	gtccagcatc	accgttcccc	agcgccagtt	gtagcaccgc	1020
agaggaagag	cgtgtctccc	ttcttggggg	gaccacaggt	ccaaagagga	ctggtgatct	1080



acgtgtgctt tttcaaggga gctgataaag aacttcttcc caaaatgtgt aatacactgt 1140  
taa 1143

<210> 5797  
<211> 1929  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1364)...(1460)  
<223> similar to gil510153 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5797

cagacagcga	ttaggtctat	ttcaaggcat	tctgccagga	gcacagcgac	tgggggccc	60
cgtaatgagc	ccacatctga	gcccacggaa	cccagccagg	ctggcgagga	cctggaaaag	120
gagaccctgc	gcaagcagcg	gctgcagcag	ctatgaggag	gacttctacg	agctggtgga	180
gccggctgag	gtggctgagc	ggctggacct	ggctgaggca	ctggctcgact	tcacttacca	240
gtactggaag	ctgaagagga	aagccaatgc	caaccagccg	ctgctgacct	ccaagaccga	300
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cacccatctg	cggcaggacc	tagagagggt	tagaaatctg	tgctacatgg	tgacaaggcg	420
cgagagaacg	aaacacgcca	tctgcaaact	ccaggagcag	atattccacc	tgagatgaa	480
acttattgaa	caggatctgt	gtcgagagcg	gtctgggagg	agagcaaagg	gcaagaagag	540
tgactcgaag	aggaagggct	gcgagggctc	caagggcagc	actgagaaga	aagagaaagt	600
gaaggcgggg	cctgactcag	tcctggggca	gctggcaggc	ctgtccacct	cattccccat	660
cgatggcacc	ttcttcaaca	gctggttggc	acagtcggtg	cagatcacag	cagagaacat	720
ggccatgagc	gagtggccac	tgaacaatgg	gcaccgagag	gacctgtctc	cagggtctgt	780
gtcagaggaa	ctgctgcagg	acgaggagac	actgtctcag	ttcatgctgg	acccctcgct	840
gcgacctggt	gacctgtcta	ggaaggccgg	aggccgcacc	cgcctgcctg	ccaagaagaa	900
accaccacca	ccaccaccgc	aggacgggcc	tggttcacgg	acgactccag	acaaagcccc	960
caagaagacc	tggggccagg	atgcaggcag	tggcaagggg	ggtcaagggc	cacctaccag	1020
gaagccacca	cgtcggacat	cttctcaact	gccgtccagc	cctgcagccg	gggactgtcc	1080
catcctagcc	acccctgaaa	gccccccgcc	actggcccct	gagaccccgg	acgaggcagc	1140
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tgatgctggg	atgggaccac	cttcagctgt	ggctgagagg	cccaaggcca	gcctgcattt	1320
tgacactgag	actgatggct	acttctctga	tggggagatg	agcgactcag	atgtagaggc	1380
cgaggacggt	ggggtgcagc	ggggtccccg	ggaggcaggg	gcagaggagg	tggtccgcat	1440
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cgaggctgcc	actccgtcgt	ggttttat	ttaatataga	gagagttttg	aattctacac	1620
tggtgtcttt	cctctgtgct	ggcctaggac	attaggattc	cttccacggc	tccggccgct	1680
aggaccctgc	cagggtccgc	gcaccatccc	tgccctgccc	acgtggtatt	gctgggctcc	1740
tggtctagatg	caagcaaggt	ggacaagagc	tcaggactcc	agcccactgc	cactgggtga	1800
cacagactgt	cgtttgggca	ttatttcatg	gcagatgggc	cagtccaggg	cctaccccgc	1860
cttgccccca	gatcccaactg	gggtccattt	gaggggtcat	gctacactcc	accgatcccc	1920
aagtgtatt						1929

<210> 5798  
 <211> 2711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (956)...(1760)  
 <223> similar to gil93527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5798

tttcgtgcgg	aggtcgcggc	gagccggggcc	gagcagtgag	ggccctagcg	ggggcccgagc	60
ggggcccggg	gcccctaagc	cattcctgaa	gtcatgggct	ggccaggaca	tcggtgaccc	120
gccaatccgg	tatggacgac	tggaagccca	gccccctcat	caagcccttt	ggggctcgga	180
agaagcggag	ctggtacctt	acctggaagt	ataaactgac	aaaccagcgg	gccctgcgga	240
gattctgtca	gacagggggc	gtgcttttcc	tgctggtgac	tgctattgtc	aatatcaagt	300
tgatcctgga	cactcggcga	gccatcagtg	aagccaatga	agaccagag	ccagagcaag	360
actatgatga	ggccctaggc	cgctggagc	ccccacggcg	cagaggcagt	ggtccccggc	420
gggtcctgga	cgtagagggtg	tattcaagtc	gcagcaaagt	atatgtggca	gtggatggca	480
ccacgggtgct	ggaggatgag	gcccgggagc	agggccgggg	catccatgtc	attgtcctca	540
accaggccac	gggccacgtg	atggcaaaac	gtgtgtttga	cacgtactca	cctcatgagg	600
atgaggccat	ggtgctattc	ctcaacatgg	tagcgcccg	ccgagtgtct	atctgcactg	660
tcaaggatga	gggtccttc	cacctcaagg	acacagccaa	ggctctgctg	aggagcctgg	720
gcagccaggc	tggccctgcc	ctgggctgga	gggacacatg	ggccttcgtg	ggacgaaaag	780
gaggtcctgt	cttcggggag	aaacattcta	aatcacctgc	cctctcttcc	tggggggacc	840
cagtctgtct	gaagacagat	gtgccattga	gctcagcaga	agaggcagag	tgccactggg	900
cagacacaga	gctgaaccgt	cgccgcccgc	gcttctgcag	caaagttgag	ggctatggaa	960
gtgtatgcag	ctgcaaggac	cccacaccca	tcgagttcag	ccctgaccca	ctcccagaca	1020
acaaggtcct	caatgtgcct	gtggctgtca	ttgcagggaa	ccgacccaat	tacctgtaca	1080
ggatgctgcg	ctctctgctt	tcagcccagg	gggtgtctcc	tcagatgata	acagttttca	1140
ttgacggcta	ctatgaggaa	cccatggatg	tgggtggcact	gtttgggtctg	aggggcatcc	1200
agcatactcc	catcagcatc	agaatgccc	gcgtgtctca	gcactacaag	gccagcctca	1260
ctgccacttt	caacctgttt	cgggaggcca	agtttgtctg	ggttctggaa	gaggacctgg	1320
acattgctgt	ggattttttc	agtttctcta	gccaatccat	ccacctactg	gaggaggatg	1380
acagcctgta	ctgcactctc	gcctggaatg	accaggggta	tgaacacacg	gctgaggacc	1440
cagcactact	gtaccgtgtg	gagaccatgc	ctgggctggg	ctgggtgtct	aggaggtcct	1500
tgtacaagga	ggagcttgag	cccaagtggc	ctacaccgga	aaagctctgg	gattgggaca	1560
tgtggatgcg	gatgcctgaa	caacgcgggg	gcccagagtg	catcatccct	gacgtttccc	1620
gatactacca	ctttggcatc	gtcggcctca	acatgaatgg	ctactttcac	gaggcctact	1680
tcaagaagca	caagttcaac	acggttccag	gtgtccagct	caggaatgtg	gacagtctga	1740
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acagcaagaa	cccttgtaga	gactctttcc	tgccagacac	agagggccac	acctacgtgg	1860
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agaagaacca	cttctctggtg	gtgggggtcc	cggttccccc	ctactcagtg	aagaagccac	2040
cctcagtcac	cccaattttc	ctggagccac	ccccaaagga	ggaggggagcc	ccaggagccc	2100
cagaacagac	atgagacctc	ctccaggacc	ctgcggggct	gggtactgtg	tacccccagg	2160
ctggctagcc	cttccctcca	tctgttagga	ttttgtagat	gctggtaggg	gctggggcta	2220
ccttggtttt	aacatgagac	ttaattacta	actccaaggg	gagggttccc	ctgctccaac	2280
accccgttcc	tgagttaaaa	gtctatttat	ttacttccct	gttggagaag	ggcaggagag	2340

tacctgggaa	tcattacgat	ccctagcagc	tcatoctgcc	ctttgaatac	cctcactttc	2400
caggcctggc	tcagaatcta	acctatztat	tgactgtcct	gagggccttg	aaaacaggcc	2460
gaacctggag	ggcctggatt	tctttttggg	ctggaatgct	gccctgaggg	tggggctggc	2520
tcttactcag	gaaactgctg	tgcccaaccc	atggacaggc	ccagctgggg	cccacatgct	2580
gacacagact	cactcagaga	cccttagaca	ctggaccagg	cctcctctca	gccttctctt	2640
tgtccagatt	tccaaagctg	gataagttgg	tcattgatta	aaaaaggaga	agccctctgg	2700
gaaaaaaaaa	a					2711

<210> 5799

<211> 1760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1672)...(144)

<223> similar to gi5777952 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5799

tttttttttt	ttgagcggtt	ttcttaagt	tctttaatac	tccactcagg	gcagtcccct	60
ccctctactg	agaggctctt	ggctctggcc	ccaagagcag	ctggaaggcc	ctggcctgaa	120
cttcaaccaa	cttgaatgtc	caaggctgtg	tgtgccacgc	tccctggctc	tggtagctgg	180
tatgcaagca	cctctcgggc	cttgggggag	tttgatcccc	tccagccact	cctgggtaca	240
gctcctgcac	gtgtgcacct	ggactccgga	cgccgcacag	ggatgtcagc	gtaaatgcct	300
tccattctgc	cgcagcaggg	gccttatccg	catgtccgtc	ttgaatcttg	ggctttggcc	360
tcttgccatt	ttaagcatcc	tccagcacag	gogaggacct	ccacaaagt	gaattgggaa	420
atttgcctt	cttaagcttt	aggatcatgt	tctggatgtt	tcgaaagcca	taggctgcag	480
caaagcgtaa	caccacctct	ccgttcttct	caagggtgac	ctcttggaag	tctttgtttc	540
tcagggctcg	gtaagtgacc	tcctccacat	ccctccgttg	aacagctcct	tggccgcatg	600
tctgaagatg	tgtgccaggt	gcccgtctga	gctggctcca	tcatacgcg	tcactttgtc	660
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gctcccatta	atttgaagca	aatttcaacc	ttgatgttaa	acaacgcaag	tcaagcgccc	780
ccgggaagcc	atgcaaagcc	agggggaagg	gctttccctg	aagagcctcc	cagcttcttg	840
tcattaacca	aggggccacc	aatgaccgtg	gaaaaatctt	ctctggagac	aaggttctgc	900
tgtctggcgg	aaataatcct	tcaccaaaga	gcccatagac	tgtggggggg	actttggcgg	960
tgccaagaag	gtgggccagt	gatggggcga	ccccagcaac	ccgctccggc	gtatcggacc	1020
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ggcgaataac	gacgcacgaa	ttcttttttg	actctcccag	gatactaaaa	tccgcagcta	1140
tcgtcgtatc	aaatacatag	tgcaccccaa	gacttttgag	gaaaccacag	agtcttctgg	1200
atgcatcagt	tacactgagg	ttgaatttag	cagcaaaata	aggcaaagat	tgaggacaca	1260
cagacactaa	cccagctttg	tgttttgagg	tatcacattt	cttggttaagg	ttcagaacgc	1320
ggaagaagtc	cttggcattt	tgtgggaaa	gttggaactc	ttcctctgca	gtcatacagc	1380
tgtcacatgc	caggcagtcg	ctcaaaaata	tcttggcatc	agccaacttg	tgggaattctc	1440
ccttctgtag	tcccagctac	tagggaggct	gaggcaggag	aatacattga	gcctcagagg	1500
tcaaggctgc	ggtgagccat	acagtgagcc	actgcactcc	agcctgggtg	acagtgagac	1560
cctctccatt	ttcctgggct	ggactcgggt	catcggtgta	cacattctct	tggatcatcag	1620
tttttgtttt	cttactacat	tccttgccgc	tgcagtgtct	acacttcata	tggagcgcg	1680
cgggcgggag	gccgggcgcc	tcagcctcag	ggaagcaccg	ggagactggg	acaccactgc	1740
ccgccgcccc	cggccctttg					1760

<210> 5800  
 <211> 2194  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (75)...(1280)  
 <223> similar to gi5442036 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5800
ttctgtctcc cctcccttcc ccggcccccg ctctggcccc ggcccattcg ctgttgggtc 60
ttctgctagg gaggatgtcg ggttcgtcgc tgcccagegc cctggccctc tcgctgttgc 120
tggtctctgg ctccctcctc ccagggccag gcgcgctca gaacgctggg tttgtcaagt 180
cgcccatgtc agaaactaag ctcacggggg acgcctttga gctgtactgt gacgtggtcg 240
ggagccccac gccagagatc cagtgggtgt acgcagaagt caaccgggca gagtctttca 300
gacagctgtg ggacggtgct cggaagcgcc gtgtcaccgt aaacaccgcc tacgggtcaa 360
acggcgtgag tgtgctgaga ataaccgggc tcaccttgga ggactctggg acttacgagt 420
gcagggccag caacgacccc aagaggaatg acttgaggca aaaccctcc ataacatgga 480
ttcgagccca ggccaccata agcgtccttc agaagccaag gattgtcacc agtgaagagg 540
tcattattcg agacagccct gttctccctg tcaccctgca gtgtaacctc acctccaggc 600
tctcacaccc ttacatacag ctactggaca aaagaatggg ggtggaactg aagtgaact 660
cgtaagaatg ccagcaacat ggaagtacag gatcaaataa gccgagagct gaggattcag 720
gcgaatacca ctgcgtatta ttactttgt taagcggctc ctaaagcaaa cgccaccatt 780
gaagtgaag cgcctcctga catcactggc cataaacgga gtgagaacaa gaatgaagg 840
caggatgcc ctatgtattg caagtcagtt ggctacccc acccagactg gatatggcgc 900
aagaaggaga acgggatgcc catggacatt gtcaatacct ttggccgctt cttcatcatc 960
aacaaggaaa attacactga gttgaacatt gtgaacctgc agatcacgga agaccctggc 1020
gagtatgaat gtaatgccac caacgccatt ggctccgcct ctgttgtcac tgcctcagg 1080
gtgcggagcc acctggcccc actctggcct ttcttgggaa ttctggctga aattatcatc 1140
cttgtggtga tcattgttgt gtatgagaag aggaagaggc cagatgaggt tcctgacgat 1200
gatgaaccag ctggaccaat gaaaaccaac tctaccaaca atcacaaga taaaaacttg 1260
cgccagagaa acacaaatta agtactgctt acaatatctt taggttctctg aaactggtgg 1320
caacatgacc tgctaaaatt ttctgcttgg acctcttttg ttctctcccc tttcaagtga 1380
gcaacaccac aatgactgtc taaagcatgc cttattttagc ctctcctgta aggggtgatct 1440
agccaggtag attttaaaca atgcttcagt gtagaagggtg taaactatct tgggcttgat 1500
gtgctgtgaa tgttgctttt ttttttcctt tgtaaaaata tttaaaataa agtgaaaagg 1560
tcctctgagg atcaaatcat gcatgcgcca ttttttactt aatgcagctg ttaaattggc 1620
aaagctctaa aatgcactgc tgccatctag ggatacactt ttgtaaaagta cagcaaaacc 1680
tacagatata tacagtatat aaatatatat atatatatat ttatatTTTT gggggtggga 1740
gaaatccaaa ataaagtaaa tgcttgtttc atttttaagc tgctgatatt cattccttat 1800
tgtatgttgt cagatgagga aattgtgcag ttctggtaca taaagatgag taatataaac 1860
tgaaatctat aatttttaagg gcttaacctg tgactttaat aagctggaac agtccactga 1920
atgggtataa tgaattgcag tatatacgta tgattgcttt ttaagtgatt atcttttctt 1980
ctgttaagtc atgtaaattc ataaatcctt ttgcactgat gtgttgaacc ttattcttgt 2040
acattcattc aatcaaggca aacttttata atttttcttt tgtttccaat gaccttgaag 2100
tgttatagca tggtaaatatt ctatgcaact atagttatac tttttgggtt gacactgtat 2160
tttttcacat tgatttactg gttgatgata gatt 2194

```

<210> 5801  
 <211> 694  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (60)...(6)  
 <223> similar to gill174092 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5801
cattaatttc tgtctttatg ccaatgtcac actgtcttga gtacttcctt tgtaataggt      60
tttgaaccca ggaatttgtg gacttctaca atttcattct totttatcaa gcatgttttg      120
gctgttttgg gtcctttgaa attacatatg aatttcacat gcttgtcagc ttgtcagctt      180
gatcagcttg tcagcttctg caaagaagcc agcttggagt ttggtagggg ttgcattgca      240
tctccagatg aatttgggga atgtctccat attaacaata tttagtcttc ctatccttga      300
acatgggata tattttcatt tatctggctt cagttctttc aacaacattt tgtagttttc      360
actgtacaat gatctggctt tttgctttcc aaaaccagaa actcttttaa gttgaagggt      420
tcttaagact tttggggagg cagttctgct aaacaaacag aaaagagAAC atttggttag      480
aaaaaaacag agataacagg aagattaatt attttaataa taaagcaagg aaccaattta      540
ttaaaatttt ttagaatatg ctttgtaacc ataatgcttg aatctgttat acatttgtct      600
cagactggaa gttccccctt gtgacttcaa gatacttgag aaacaatcag taatcaagta      660
atggggttgct gggatatagc aaacaacaca gagg                                     694
  
```

<210> 5802  
 <211> 1372  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (896)...(1280)  
 <223> similar to gi2992628 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5802
gggccgcctg gacacacagg tcccctggca caggtaacaa cagaggaccc tcagggagag      60
aaggctccca gcttctctta caccctgaga accgctgccg agagacccaa aagacacctg      120
ggcatcagtg ctgcagccct accttggcct ccaggtagat gctagtggag ggcgcccgcc      180
tggcgacaaa ggaagaggca ggcagcaaga gacagcgcgC agatgacgaa cagggagtcg      240
ctcaccagga cgcggaacag cagcagggcc cagggtgtgt ccgcccgcgc gcatgggaga      300
  
```

gcacagcaca	cagcacgttc	accagcagaa	agagcagcga	ggccccca	aaggccctc	360
ggacagcgag	caagcctcgg	ctcatcttcg	ggcccgacgc	ttcaactttg	ccttgaacac	420
cacctggggc	aaagtagagg	ttcataaggc	gtcaagggtga	agaactgcag	gcagacgggg	480
cagcagtaga	gaagccagaa	gggcaaaggg	ccccagggtt	gtttggcgcg	gggagtatct	540
tcggaaatta	gaaggagaaa	aaggttgtta	cgcaaggggg	ccccagaagc	agacagaggg	600
ccaggaacac	ccgtctgata	agctgagacg	cttgtgcccc	atacagaagc	accagccaga	660
gctgggcata	gacggagaag	aagagcaggg	catacagggt	ggtgtaggca	gctgtcagcc	720
ccagggtcac	agcagggtgc	agcgcaggca	ccaagcccgg	caagcaggca	accaggccca	780
gacaggttac	tctccatgtc	aagggaggga	ggcctgaatc	ccggagacag	acaaggaggg	840
actgtcggcg	ggaccaggga	aataaatacg	gaggggtggg	aattgcaggg	tgacagagag	900
gagatggggc	gctcaggagg	aaagaagttg	tggctgacag	gccccctcc	tcaacagaga	960
gacccttgcc	cttgggggaa	acaggcagcc	tgggccccag	gccccctact	caggggcatg	1020
gaagggcagt	ctcttttctc	caggacagac	cggatagggg	ttgggggtgt	ctcctccctg	1080
ggcctacccc	agagccaagg	atggggggat	gcagaggccc	aaggagagga	ctccctggcc	1140
tcggtcgttc	atgtcgtcct	gggtggaggg	ggaggctctc	tctcctccaa	taatgcggt	1200
ggggagggcc	tctgctcctc	gtcctcgtaa	ttctcgaaag	ctgcccccg	cccaccctcc	1260
cccaccgcgt	ccacgctcca	gcctcaaggg	gagggaggag	gcggacgcca	ggtcctcagg	1320
ccgctgatgg	gagagccggc	tcaggtcgtg	gggaccggg	gctccgacga	aa	1372

<210> 5803

<211> 1345

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1322)...(238)

<223> similar to gil84848 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5803

tttttttttt	ttcacagggtg	caaagattca	ctttttatatt	attcattctc	ctccaacatt	60
tagcataatt	aaagccaagg	gactaggagg	ggggtgaggt	gaaagatgag	ctggaggacc	120
cgcaataggg	gtaggtcccc	ctgtggaaaa	aggttcaaaa	ggcccaaagg	atgggaaggg	180
ggtcagcgct	ggaactagag	gagcagggtg	gggcaacttc	ctccccctcc	taaaaactct	240
ccccctgttg	aaacctcttt	gtgaacgggc	cgaacctcag	gccccctgaat	gggtgaactt	300
ccgcaggccg	taagagtttg	tgtttctctc	gtaggtctgc	tttgctcagc	gtcaggggtg	360
ctgcttgagg	gctggtaggg	tgctgttctc	tgtctagtcc	tgctctgttg	acactctttc	420
ctgggggagt	ttacccccat	ttggaagggc	gttaatccac	ccttccactg	gtactttttg	480
gcctcttttt	ggggatagag	gttattcagc	agggcacaca	acagaggcag	ttccagattt	540
caactgctca	tcagatggcg	ggaagatgaa	gcagatgggt	gcagccacag	ttcgtttgat	600
ctccaccttg	gtccccctgg	caaaagtgtg	cagggtgaatc	agcatactgc	tgacagtaat	660
aaactgcaaa	atcttcaggc	tccagtctgc	tgatgggtgag	agtgaagtct	gtcccagacc	720
cactgccact	gaacctgtct	gggatgccag	tggccctgct	ggatgcatca	tagatgagga	780
gcctggggag	ctggccagggt	ttctgttggt	accaggctaa	gtacttccta	ctaatagtct	840
gactggccct	gcaggagagg	gtggctcttt	ccccctggaga	caaagacagg	gtggctggag	900
actgagtcaa	cacaatttct	ccggtgggtat	gtttgatctc	cagcttggtc	cctccgccaa	960
aagtgtacgg	gggaggccag	ttggtacgct	gctgacagta	ataaactgca	aaatcttcag	1020
gctctaggct	gctgatgggtg	agagtgaagt	ctgtcccaga	cccactgcca	ctgaacctgt	1080
ctgggatgcc	agtggccctg	ttggatgcat	catagatgag	gagcctggga	gcctggccag	1140

gtttctgctg	gtaccaggct	aagtagctgc	tgctaacact	ctgactggcc	ctgcaggaga	1200
gggtggctct	ttccccctgga	gacaaagaca	gggtggctgg	agactgtgtc	aacacaattt	1260
ctccgggggt	atctgggagc	cagagtagca	ggaggaagag	aagctgagct	ggggcttcca	1320
tggttccctc	tgggtcctaa	ctgag				1345

<210> 5804

<211> 1233

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (795)...(1062)

<223> similar to gi529138 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5804

aggggttttt	ttccaaggca	attaatttgg	gtaaccccag	ggtttttcca	ttcccgcggt	60
tttaaaacgc	gggcccggga	atttaattta	ggggcccat	taaaaaaatt	tttcctttgc	120
aaccggggg	agttaaattt	ggttctttta	aaaggcgcc	cctttttttt	ttttttttt	180
tgatggttaa	aaaaatttgg	gttttattgt	ttttgctaaa	taatactaaa	aaaaaaattt	240
cattttgaag	gcagggtctg	aattatttta	tttgatccat	ttatttaatt	aaaaaaaaaa	300
ggaaggggaa	agagatcatg	gccaaaaaaa	tagtagttaa	ccccacccc	acccccaaag	360
ctctagccag	tcatgtgagc	atcacccaca	tcccactcag	tgctgatata	tcggatgggtg	420
gcatactctg	ccccaggaga	ctgcctgaag	gcacggggca	atgggtgcca	atttttagctc	480
tcagcaggtt	agtcaaccag	acaaactggt	gggctaaagt	ccagaaattc	tttcaggtt	540
ttctgctcat	tggctgagca	catacaaact	gtcataagcc	tgtaaaattt	aaggggagtt	600
ggggtggggc	gtaagagcaa	aaggacagca	ggagaagaga	aattacgggt	caccaagtt	660
tttctggggc	tagtggctct	ggatatagat	ttaaagagag	gtcagagtaa	atggactcca	720
ggtttcttat	caaagaaaac	tatccctcaa	tgaggagctg	agatgtgcca	tgcaagagag	780
ttcttcttgc	agaggcacag	gagaaagggc	agctgactct	ctcatgtgga	gagagtggcg	840
aggaaggtct	tctagtacca	tgaagtaaga	caggcagagg	gagaatcctg	aggtttgggc	900
caaatgtgag	actggtacac	acacagttta	agactaaaaa	gccatcagga	accctcaaag	960
ccaaattcta	tctgcacact	ggctctacaa	agttcgcagc	agaatctct	tgaccaagt	1020
caagtttagt	gcctggctat	gatggatggt	ggggagggca	atacattttt	attttcagag	1080
ggatgaggtg	ggaagaacag	ccatgatcta	gtaaaaagag	acctgcaaga	agcagaaaat	1140
atttagagaa	cattttaata	tatatatttca	tatatatatt	taaagttaag	aaaaataaaa	1200
ctaattcaag	ccatgccctg	tgcaaaaaaa	aaa			1233

<210> 5805

<211> 2173

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1848)...(676)

<223> similar to gi3907579 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5805

gctgttgcat	cggctgtcat	gaattcggca	cgagctcatg	ctgccagatt	atctgggtgt	60
ggtggcacta	gaatggagat	acttcattggg	aataatactc	attgttcttg	acccactgg	120
gtcagtgtg	accctaccac	caccactct	gcagcagcac	ccagatgcta	gccttgta	180
gaaagcccca	gcattctctt	acagtcaatg	agctctctct	ttattgaggt	atttcaaata	240
tacaaacact	tcagagcttt	ttagatatgt	gaaggtccaa	tttagtgaag	cggattaaca	300
aaacatgatt	ctaaaagcct	gcctctctta	gaccaaggcc	atgtaaaaga	tttatgtacc	360
aatcagcatc	ttttctttt	aataatcttc	aggatgttgt	gttgggtccc	cagattccca	420
tttgattttc	ttgcatcatt	ttctcagact	gtttgcttcc	ttgcttctc	cccagtga	480
gccttgggca	ttttgtgtgt	gcagatagag	aagtacagag	ttactgcagg	agccctcagg	540
agtgaacaaa	caggaaatga	caaagtaata	cagagctgca	gtagctggga	tgggtgagga	600
ccccacttgg	gatgccccat	ggtagagtac	tgggtgccttg	ggagggtaga	actgctcagg	660
tctagcacgc	ctcactgaag	attggattca	cctgctgggt	gactcggatg	aaggtagttc	720
tctgtctcaa	ctctttgagc	ttagctgtct	ccacataggt	acacgtagag	cggatccctc	780
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ctcactgtgc	ccagccagca	tgccaccag	catcacgaag	tcagctcctg	ccccaaaagc	1020
cttggccaca	tccccaggac	agctgcaacc	tccatctgaa	atgatgtggc	ctttgaggcc	1080
atgagcagca	tctgcacact	ccatcactgc	gctgagctgt	ggatacccca	ctccagtttt	1140
cttccgagta	gtacacacag	agcctggccc	aattcccact	ttgatgatgt	cagccccaga	1200
aaggatgagc	tcttctacca	tctctcctgt	taccacattc	cctgccatga	tgggtgtgctg	1260
ggggaagcgc	ttccgtacat	ctttttacaaa	ttcaacaaag	tgttcagagt	agccatttgc	1320
cacatccagg	catatatact	tcacctgggg	aatagcttcc	aggatctgtt	ccagctgtct	1380
aaagtcagaa	gagcctgtgc	ctgagctggc	agccagatgc	tcaagacagt	caggattctg	1440
gccagcaaac	tcttgccact	gaacgaggct	atagtgttta	tggacagcag	tgaagagaga	1500
gaacttctca	gcaacaagta	tagaggcagg	taatagtact	gacaggagca	gcattctcca	1560
tttcaaagtg	aacaacttgt	atataagaaa	aacacatccc	atttggggca	catcccagaa	1620
actcccagga	acctaggact	tacagagaac	cttggccatc	tcaaagggtg	ccacagtatc	1680
catattggca	gcaatgatgg	gaaccccaga	gtatgtctgc	tttgagttcc	gaaatgaaaa	1740
ggatcttgtg	agatccacct	cacttcgaga	cttaagggtta	ctgcgttttg	gcctcaaaag	1800
gacatccttg	aagtcacagt	tcacatcggt	gtcaatatga	ggcatggcgc	ttagcctcgg	1860
ggtagcgatg	aatctgaggg	ctggaaggca	ggaagtcata	aggaccaatc	ttcccctggg	1920
ctttaacgcc	ctgttacggc	tggtggcctc	tcttcgctta	agttgtggaa	ggtcgggcaa	1980
aggccgaagt	gtggtccctg	aagcctgtca	cctcgaccca	tcccgtggct	gcgattaccc	2040
tagggctcca	tcccagggtac	tgtttggttg	ggaggagagc	tgggaaaggg	ttgtgagaga	2100
ccctgacggt	gcattcctta	ccccgctaca	cttctctctt	ctacccctgc	aaagagcaat	2160
ggggcaagag	gct					2173

<210> 5806

<211> 1849

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature



<222> (1462)...(349)

<223> similar to gi3387962 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5806

tttttttttt	taaagataaa	attaatttat	ttgacttcac	aacttcattg	ggccacacag	60
gggcccacaa	gtcctagaag	cacaaccttg	tggaagtggg	ctggggaggc	cagttctctg	120
gactgcctgc	tcccttgctc	agagctgcct	tgagccaggt	ccctcctgac	cccatcatcc	180
tgttcccata	tgcaagggct	gctcaggtec	acctgcaata	aaccagggcc	tgctctggc	240
agcagaggac	agggcctcgt	gggtggcagc	agcactggtc	ctcgtggctg	tgggtgtggg	300
tgggtgggta	ggtaggtggg	aaggagggca	ggcaggaggg	tgtggttcag	tcagagagc	360
tgctgttctg	ctcttcaaag	gccatcttgc	ccagaagctg	gctgtccaac	tccacccac	420
ttacaggcag	ctggaagaag	ttcatttcag	ctgctaaggc	tgccatggca	gaagggtcct	480
ggccaaactg	agctcgcaac	atcatgtcca	ttttctccag	cctcctcttg	agccgcttgg	540
cctctcgctc	tcggatgagc	cgggcctgcc	gcttttccgg	ggtttcaatg	gcccgcctca	600
gcctcatggc	ctcccgatcc	cgtgcagccc	ggcgtgcccg	ctgctcgtct	gtctcctgca	660
tgcgctgcaa	gcgcttggtt	tcacggctcc	tcctgcgcct	cacctcccgc	tcctcggggg	720
tctcattgtc	ccgcgggtc	ttcttgggcg	tgcgtctctg	ttccagccgc	tcagccgta	780
cttccaaagg	ctcattctgt	cgacgtagag	cccacttgcg	tacactggga	gtctgggctt	840
ccagcagttt	acggtaggca	gcacagttgt	tgacacaaag	cagaattcca	gcagggtaca	900
ctggaggact	aaaggcaata	tccttcccct	cagcactgga	gggacctca	ttgtggactg	960
tgggtaggga	ttccatattt	agtacttcag	gaagtttctc	actgttaaaa	gtggcatggc	1020
tgggtgaaccg	ggctccacac	acagcacagt	tagatcgctg	gtcctccgag	tggattaaga	1080
ggtggcgacc	caatgacccc	ggggagctaa	gggcccggcc	acagacagga	acacatgtag	1140
ctcttgggcg	tcaccactgc	tgcaagtgtc	tggtaacagt	gagcaatcaa	ctgctcccgg	1200
ctcccgagct	ctagctggca	gaggggacac	tggcagagtt	caagcaaggg	gtcagaattc	1260
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agattcatct	tgtgtcgtct	ccctccttca	tcacctcaa	ctgtcacagt	gaaactttta	1440
tttggtattg	tctgtttccc	gaacgggaca	tgtttccctg	atgcaagagc	tctgggtctt	1500
ccccagtttc	acgactggat	atgttactac	ctccttgcaa	gatgctaacc	tccagctctg	1560
gtgcagttcc	cacggagcaa	agcaaactcg	actgaatcca	agtgatctgt	atctgccaaa	1620
aaggagagga	caagaaagct	ggtcacttag	ccgcctggct	gttcacctga	cccctggggg	1680
tgggtctggg	gcgtgtctaa	tcagccgaga	tggctccctc	gcttcttcaa	gcagtagccc	1740
aggtaaattc	ccaggaatta	ccaagacaag	agcctgacaa	agagccggag	gtcttccgag	1800
gcggctcaga	caaaccctta	gacaacacaa	tctccgaaat	ctaaattta		1849

<210> 5807

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (219)...(889)

<223> similar to gi2384956 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5807

ggcgccctgac	ggaagcggcg	gcagcgggca	gcggctctcg	ggctgcaggc	tgggcagggt	60
ccccctccac	gctcctgccg	ctgtctccca	cgtccccag	gtgcgcggcc	accatggcgt	120
ccagcgacga	ggacggcacc	aacggcggcg	cctcggaggc	cggcgaggac	cgggaggctc	180
ccggcaagcg	gagggcgctg	gggttcttgg	ccaccgctg	gctcaccttc	tacgacatcg	240
ccatgaccgc	gggggtggtg	gttctagcta	ttgccatggt	acgtttttat	atggaaaaag	300
gaacacacag	aggtttatat	aaaagtattc	agaagacact	taaatttttc	cagacatttg	360
ccttgcttga	gatagttcac	tgtttaattg	gaattgtacc	tacttctgtg	attgtgactg	420
gggtccaagt	gagttcaaga	atctttatgg	tgtggctcat	tactcacagt	ataaaaccaa	480
tccagaatga	agagagtgtg	gtgctttttc	tggtcgcgtg	gactgtgaca	gagatcactc	540
gctattcctt	ctacacattc	agccttcttg	accacttgcc	atacttcatt	aatggggcca	600
gatataattt	ttttatcatc	ttatatcctg	ttggagtgtc	tggatgaactt	cttacaatat	660
acgctgcctt	gccgcatgtg	aagaaaacag	gaatgttttc	aataagactt	cctaacaaat	720
acaatgtctc	ttttgactac	tattattttc	ttcttataac	catggcatca	tatatacctt	780
tgtttccaca	actctatttt	catatgttac	gtcaaagaag	aaaggtgctt	catggagagg	840
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caagattacc	tgagtccaag	ttttaataac	aagaataaac	aactttgtga	aatatcatgg	960
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tcttgtagca	gatctatttt	ttacaagaac	tgtgcaaata	tcagtaactt	ttgggttaggt	1080
attgattatt	aggaaaataa	ttaggtgtat	tatctggggg	aaaaaaaaac	ttttgctaag	1140
ttttttttga	aacatgctca	aagcttttta	aatcaatatt	tagaaattag	tttaacgatt	1200
tactattata	cctgctagtg	atatttatgt	gatatctata	aatgaaaata	aatgcaaaat	1260
tataccaaaa	aaaaaaaa					1278

<210> 5808

<211> 826

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (440)...(743)

<223> similar to gi3041844 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5808

tttcggggccc	ggaaaagattt	aagtttcgtg	aatgcatacg	caagactcgg	aggtagttcc	60
ggttcggcg	tggccacttt	cgttggtggt	gttcagttgt	ggcggttgct	ggtcagtaac	120
agccaagatg	ctgcggaatc	tgctgggtgag	gagcttctca	tcttgcatcc	atgatggggg	180
cgagggagtg	gagaggaggc	tgaggcacca	cgacagaaaa	ccctcacctg	ggaggggtgc	240
cgaaggcggc	taatgaagtc	accttgattc	gtgtcctttt	tccctgacct	tactttccct	300
tccgtctatt	cctctcgccc	caggccgtta	ctgggtagat	gtaaggagtg	gagaggcagg	360
ggaagtgacc	agagactcgt	gggttagacc	cgtcttggtt	tcttagtcac	cacctctaac	420
cctgtcggtc	attgatgagg	ctcttcgtca	gattgggcag	aggacgataa	gcactgcttc	480
ccgcaggcat	tttaaaaata	aagttccgga	gaagcaaaaa	ctgttccagg	aggatgatga	540
aattccactg	tatctaaagg	gtggggtagc	tgatgccttc	ctgtatagag	ccaccatgat	600
tcttacagtt	ggtggaacag	catatgccat	atatgagctg	gctgtggctt	catttcccaa	660
gaagcaggag	tgacttcagt	catcccagca	atcgcttggt	tcagtttcat	tcagctctct	720
atggaccagt	aatctgataa	ataaccgagc	tcttctttgg	ggatcaatat	ttattgactt	780

gtagtaactg ccaccaataa agcagtccttt accatgaaaa aaaaaa

826

<210> 5809

<211> 2568

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (317)...(2182)

<223> similar to gi4680645 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5809

ggcacgagggc	gccctgcaga	ttgtctcttg	ttgcgtaagt	ttttttgacc	gtcactcgtg	60
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ttgggtcgcg	gtttccttca	ccaagcagca	atttccgttg	gcacggttga	gcagtgcacag	180
cgcggcgccc	cggactccgc	acttcgacgt	gatatgcatt	ggtggaggac	atgccgggac	240
tgaggcagcc	accgccgccc	ctcggtgccg	ctctcggact	ctgctcctca	ctcaccgcgt	300
ggacacgac	ggtcagatgt	catgtaatcc	ttcctttggt	ggcatcggaa	agggacattt	360
aatgagggaa	gtagatgcct	tggatggcct	gtgttctcgc	atctgtgacc	agtctggtgt	420
acattataaa	gtattaaacc	ggcgtaaggg	accagctgtg	tggggtctga	gagctcagat	480
tgataggaaa	ctctataaac	agaacatgca	gaaagaaatc	ttgaatacac	cactgcttac	540
tgttcaggag	ggagctgtag	aagatcttat	tcttacagaa	ccagagcctg	aacacactgg	600
gaaatgccgt	gtcagtgggg	ttgttttggt	ggatggaagc	acagtatatg	cagagagtgt	660
gattctgact	actgggacat	ttctgagagg	catgattgta	attggattgg	agacgcaccc	720
agcaggacgt	ttaggggatc	agccttctat	aggattggct	cagacactgg	agaagttagg	780
gtttgtggtg	ggaaggttga	agactgggac	tccaccccga	attgccaaag	agtccattaa	840
tttcagtatt	ctaaacaagc	atataccgga	caatccatcc	ataccattca	gctttaccaa	900
tgagacagta	tggattaaagc	cagaagatca	gctgccatgt	tacttgactc	acaccaaccc	960
tagagtggat	gagattgtcc	ttaagaacct	tcaacttaat	agtcagtgtta	aagaaacgac	1020
aagaggacct	cgatactgac	cctccattga	atcaaaagtt	ttgcgttttc	caaaccgtct	1080
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tttaccagcc	gagtagagtt	ccgtttgtca	ctgcgccctg	ataatgctga	cagccggctc	1560
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gccacttatg	aatcagtgtt	gttccatcaa	ctacaagaaa	taaagggagt	tcagcaagat	1920
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ataccgggag	taacacctgc	cgccatcatc	aatctgctga	gatttgtgaa	gaccactcaa	2100
cgaagacagt	cggctatgaa	tgaatcatcc	aagactgatc	aatacttatg	tgatgcagac	2160

agacttcaag	agagagagtt	atagctttca	attcataaaa	gatttttttaa	agagccatat	2220
aaataatttg	gatcaatacc	aacagtatag	ataaaagaat	tatttagcac	atgttaaaat	2280
agcctttatt	aggttaccta	tgggtttgcc	cattaatttc	ctgagtggga	cagaaattat	2340
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aaactgaacc	tgggaataaaa	ctcaacatgc	agatttgctt	actcataggg	actttgccta	2520
ttaagtctac	caaattaaaa	gtcttatcat	tcagaaaaaa	aaaaaaa		2568

<210> 5810

<211> 1409

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (261)...(1103)

<223> similar to gi556868 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5810

cccacgcgtc	cgggttggtg	cttctgttc	gcagctgcgg	caacacgcgtc	ttgccctgtc	60
gccacgctgg	agtccactgc	aacctccgca	tcctgggttc	aagcaattct	cctgcctcag	120
cctcccaagt	agctgggact	acgggagaa	atgggtataa	ctgggtccatc	agtgacaaag	180
acattgaggc	ccagatagct	aataaccgaa	cacctggaag	atggaccacag	cgggtactatt	240
cagccaacaa	aaacattatc	tgtagaaatt	gtgacaaacg	tgggtcattta	tcaaaaaact	300
gccccttacc	acgaaaagtt	cgtcgctgct	tcctgtgttc	caggagagga	catctcctgt	360
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cagatgcttg	cacagaaatc	tggaggcagt	atcacctaac	gaccaaacct	ggaccaccca	540
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aaggccatta	tggacacgaa	tgtccagaaa	gagaagtgt	tgacccgtct	ccagtatctc	660
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aaaaaataaa	agtactcaag	aaaaatgggg	ttatcccaga	gccatccaag	ctaccttata	780
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gcaacaggtg	gcctcaagaa	aataaaagaa	cacaaaaaga	aatgaagaac	aagaatagaa	900
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gcaagcagaa	gâaaaaggag	aggtgctggg	aagatgatga	caatgataac	ttatttctta	1140
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ttcatttggc	ctttgtgtct	ataaccttct	ggcactgtgt	ttattatcta	tgattaaata	1260
aagtgaagttt	ttggttttgt	ttttttaatt	tcagccattc	ctagagttac	tgaatatcca	1320
tggagatctc	aattctctgt	gtccaacagg	atattaggta	agaaagtaca	aagataaacc	1380
tggacttctc	ctattccaat	atgtcatct				1409

<210> 5811

<211> 1612  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1613)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1173)...(521)  
 <223> similar to gi4128015 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 5811
cctttttttt ttttttacct aataaaaatc tttatTTTTT tattaaaaaa gaggggCGTT      60
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ttttagtcaa ttgtcagtggt agtcagtggt gtgctaagtgt ttctgaactg aagtaggtgc      180
actaagggttc caagcttccc tgcaaggatc tggacggggag gaaaagcaga ggccccgtgaa      240
gggaaaaaag ccttgcttcc caatacttat ttttttatta ctgtgcaaaa gagcacactc      300
tccctctttg tgtctctccc acccaacggc acccccccca cccccaaccc aagagggact      360
tatacatggg agtgcagggg acagagttga ccaggggggg cctttgtccg gcaccctggc      420
ccacaggctg agctcagccc caggcccttt caggcatcta gacactccca taagcctgtc      480
aggggtgggg gcaagggaga tcccaggggn cacacatact tccctggaag agttggactt      540
aggggttaaga gcgggggggc acggtaccca gccttgctct cattcccagg gacagggaac      600
aggagagcag tgcacctccc aggggatgga ctaggggcag acccttgccc agcccaatta      660
aagatgggca ggggcaaaact cataacttaa tggttgtagg gattcaaagg gttataaaaa      720
gtctgtgaca atctgatggc ccataccagg agcaagctac caaagcggca aagacctgcc      780
acgatgaaaa attatgcctc caccatggc tatacggggc tttctttcac tttgtcgtct      840
tccccacag cgcggtgcac ttcattgccc atcgtggcca caaacatggc caggaagccc      900
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caccgagtcg tacattttgc agctcatcat ccccgctgtc tgcgtgacgc agtccatcca     1020
cagccccttg tacatggcct gggcctgat gatgttgta cccgcatagg agctcatctg     1080
ccactgcggg atggcgggtg aggccaccag acccaccag cccagcaggg ccatggagaa     1140
gcccagcaac tgcaggcccc aattggccat ttccgccctc agaaaacact gggggcgccg     1200
ggcggggaga ccctacagta aaacaaacga cacttggggg gcagccccac aaaagaaaac     1260
ttgaggtgga gttttccggt cacccaaaga gacaaaaagg gtttgggcca ggtgaatgca     1320
aatcttgta ccaaactaca cacaatcga cccctccagt gaagcgatgg cctcgcgga     1380
cagggagtag gatacgccgg gaggtggtt ccagacaaaa ttggtggtcc ccgaaggcca     1440
ggcggttccc tccgggcgct ctcggcgacc ctaggcaaac aaaaggtgga ggggcccgtct     1500
gggcgcgttt ctgagcgccg gcaagtccca aagtatcctg ggctgtaggt ccgaggctgc     1560
ggtgcgcagc agaggtgctc gcccggtccg gcgcgtgggc gacggaatcg gc      1612

```

<210> 5812  
 <211> 3881  
 <212> DNA  
 <213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(3882)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3807)...(195)
<223> similar to gi36122 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5812
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atcattaaac aaataaaata ctttttatca caacacagta catatttgtc atttttaaaa      120
agccacacaa tagaaacaag acaccaagat atttaaatta tcttcgttga cccccccng      180
taaaaatagc taaacactca tcattcgcg tgcaattact cataggacat aagttcctgg      240
aaacaatagt ttggcatgcg taagggcatt cgcacccaaa ggaaatctgg ggttttattg      300
cgggcagccc ctggcatttc atatggtatg ggggtcccggg tgttggggcca atcgccatta      360
attccacaaa ggattggcaa agcatggaac ctggatatgg ggttctggat ggccctccaaa      420
ccaatccttt tccccttaaa aactggggct ggctccatgg gggcaatctg gacaatctcg      480
ttcccatttc ttcaaaaacg caggccacca ttccggagaa ctaccctcca tggggctggg      540
ctattgaggg attggaatag gtccccctta gcacgaagag tgaaccttat ccatcccacc      600
atatgcttca aacgctggta ataagtgggg cccaataaaa aatcgggatg ggatttttcc      660
gaccagtga acccattgta cagggacctc catttccttc ctgaagagga tagcccataa      720
tccaggataa aaagattagg aaaccttcct gccacgttaa acagcatcca ttaaaatgga      780
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acaatgcccg tctcgctagt tctgagaaaa gtgctacagt ctcttcttgg tatagcggtc     1140
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taacatcatc tctgatacc acgaaccccc tgggagctat caaaaccnat catcatccag     1260
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acttcttctt gatcaaatcc ttttttagac tctgttctt tgtatgagcg atagaaaaca     1380
gacctgaaga agccgcggtc ctacagctga acgattcatg ataacagagt cttccctgat     1440
tatatcccag tgtatgatgc aatggccaca attgagttga tgccctgctgg cagctctcta     1500
aatcgtagat attccataga ccgtgtagtc acaagtggct tttgaggata atagagaaca     1560
tgggccaatg tgtccatgcg aacatggaag ttggtgatgt aaactcccat agcctgctta     1620
cccatagcag actggtatgt gtttctaggg gactggttat gatcaggaaa gggaaataa     1680
gatgcacaga caccaaggat cattgagggg tgaatctcac agtgtgtata tgtggaacaa     1740
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tccagggtat caatatactc cactacccca ctggccacaa gatcctgcc aactatagttg     1860
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gctaaagagt attttaggcc atcagatatg atccgtgttt taattgcaa ctccaagtta     2520
aaatcctttc ctcgatcaat aaatttctgt gcatagatcc gcacttcttt aagcaaattc     2580

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aaagcttcat	cgagagaagg	tttaaccatt	tccatcatct	ctggatcttc	aaaatcataa	2940
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atgggaactt	cttgcttgat	atatggtaga	gttgccacaa	tgcgctgacc	aatagcactc	3060
ttcttggcac	cctgtcctcc	tcttgccagc	atgctaacct	atatagtact	ggtaggtcgg	3120
gaagaattct	caagacatga	tctacactct	cctgtgtagg	catattttaga	atcctttttg	3180
gcaaacacat	aaactgtgtt	tgttgccatt	ttctcttggg	caatcagaac	cttttctgat	3240
ccattaataa	tgaaatagcc	accaggatcc	aaagggcatt	catttaactc	acaaagatca	3300
cgatctgtca	agccattcaa	aaggcagtaa	gttgaccgca	acataattgg	aatttttctt	3360
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gttatatcaa	cataaagcgg	agcagaatac	gtgagattcc	ttaatctagc	ttcattgggc	3480
atcattgggtg	aaggagcacc	atctctttcc	caatgggtag	gcttggaaag	ataaatttgt	3540
tcaaacttca	gcaaatatcg	tggcggttct	tcaacttctc	cactagcatg	ctgagcttca	3600
gcctgtagggt	ctataggagg	agcgtcttcc	acaattcttt	gaacagacat	ctgaataaac	3660
tcatcaaaag	aatccagctg	ttgtctaacc	aagcctttct	cgtcaaaata	ggaactgatt	3720
acaatccagc	atgcttcttg	ccacaaatcc	gggggtgattt	catcatcatc	ctcatcatat	3780
tgcatactct	catccgcgtc	gtacatattg	ccaaacgggt	ctcgagctcc	taactcttga	3840
aatcaaaaga	caaaaaccgc	ccagaagcca	gcagcgccag	g		3881

<210> 5813

<211> 1678

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (305)...(1190)

<223> similar to gi4929603 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5813

tccagcgccc	cgcaccgggg	ccgttagtca	gcagaacgcg	agctcttggtg	gaggagcagg	60
gccggcgcca	ggcgagactc	gggagcgtga	gccccggccc	tggggcgccg	ccgtccttct	120
tcgccccggc	gccgggggct	agtagccatg	gtccccgcctc	ctctgtcggg	ccagtctgca	180
ggcggagaga	gtcggacggc	gcccggagcg	cggatctcgc	cttggtggagg	acagcgcgtc	240
ggctgcgggt	ctctctcgac	cccttctgcc	cggcgcttcg	gcccggggccg	ctcaggtgca	300
gagcatgaat	aatctttcat	ttagtgagct	atgttgccctc	ttctgctgtc	cacctgttcc	360
agggaaagatt	gcttcaaaat	tagcgttttt	gccacctgat	ccaacttaca	cactgatgtg	420
tgatgaaagc	ggaagccggt	ggactttaca	tctgtctgaa	cgagcagact	ggcagtattc	480
ttctagagaa	aaagatgcta	ttgagtgttt	catgactaga	accagtaaag	gcaacagaat	540
tgcttgatatg	tttgtagctt	gttcacccaa	tgcgaaatac	actttactct	tctcacatgg	600
aaatgctgta	tgatcttgga	caaatgagca	gctttttacat	aggactagga	tcacggatta	660
attgtaatat	attctcatat	gattattctg	gatatgggtgc	cagttccggg	aaaccacag	720
agaagaacct	ctatgcagac	attgaagctg	cttggtctgc	tcttaggaca	agatatggca	780
ttcgccctga	aaaagtggat	taaatatggc	caaagtatag	gggcagtacc	cgtctgtgga	840
tcttgctgct	cgatatgaga	gtgctggcgg	taattcttca	atccccctctg	acttcgggaa	900

tgcgagttgc	ctttcctgga	taccaaggaa	gacctactgt	cttgcacgca	ttcccaaaca	960
ttggacaaaa	tctcttaagg	ataacctctt	ccagttatct	aattaatttc	atggggactt	1020
gaaggatgaa	gtccttttga	ctttttcaca	tgggcctcgc	atttgtttgg	aacgttggcc	1080
caaagacctg	tggagcctct	ctgggttgaa	ggagcaggtc	acaatgatgt	ggaactttat	1140
ggacagtatc	ttgaaagggt	gaaacagttt	gtgtcacagg	aactggtaaa	tttgtaaaat	1200
attctgtaaa	tttgctactg	ggttttcctt	tcttgctgaa	ctgcactctt	tggtaaataa	1260
cataaaacct	gaagggtttg	tttgcaaate	atgtcagttg	ccttcataaa	tgtacaggta	1320
atgatttggt	aacagactta	atgaagggtt	taattaccag	aactaaaaac	tggaaataac	1380
agtaccgtgc	agtcaggctg	tgtaatattt	attttttctg	tgaatttttt	tttaacatca	1440
agatgagtac	tgtatgagat	tttgattcta	taaaatcaaa	tgctgtaaaa	gtattgccaa	1500
atgcttttgc	atactagaga	cagatttata	aatatttttg	agacatctca	atatattaga	1560
tcttatcctg	gaatacaact	gtgcatatct	tgagagaagc	tatgtatctg	caggcacttt	1620
cagtactcat	aatggaatga	actctaaaag	cagatttgac	accatgcgag	ttcactag	1678

<210> 5814

<211> 2007

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (416)...(1792)

<223> similar to gi3327974 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5814

tgaattccgg	ggatgggac	cggtctctcc	agctaccggc	ccaaggccat	ctacctggac	60
atcgatggac	gcattcagaa	ggtaatcttc	agcaagtact	gcaactccag	cgacatcatg	120
gacctgttct	gcacgcgcc	cggcctgcct	cggaacacga	ccatctccct	gctgaccacc	180
gacgacgcca	tggtctccat	cgaccccacc	atgccgcgca	attcagaacg	cactccgtac	240
aaagtggagac	ctgtggccat	caagcaactc	tccgctgggtg	tcgaggacaa	gagaaccaca	300
agccgtggcc	agtctgctga	gagaccactg	agggacagac	gggttggtggg	cctggagcag	360
ccccggaggg	aaggagcatt	tgaaagtgga	caggtagagc	ccaggcccag	agagccccag	420
ggctgctacc	aggaaggcca	gcgcctccct	ccagagagag	agaattaat	ccagagcgtg	480
ctggcgcagg	ttgcagagca	gttctcaaga	gcattcaaaa	tcaatgaact	gaaagctgaa	540
gttgcaaate	acttggtctg	cctagagaaa	cgcgtggaat	tggaaggact	aaaagtgggtg	600
gagattgaga	aatgcaagag	tgacattaag	aagatgaggg	aggagctggc	ggccagaagc	660
agcaggacca	actgcccctg	taagtacagt	tttttgata	accacaagaa	gttgactcct	720
cgacgcgatg	ttcccactta	ccccaaagtac	ctgctctctc	cagagaccat	cgaggccctg	780
cggaagccga	cctttgacgt	ctggctttgg	gagcccaatg	agatgctgag	ctgccctggag	840
cacatgtacc	acgacctcgg	gctggtcagg	gacttcagca	tcaaccctgt	cacctcagg	900
aggtggctgt	tctgtgtcca	cgacaactac	agaaacaacc	ccttcacaaa	cttcggcac	960
tgcttctgcg	tggcccagat	gatgtacagc	atggtctggc	tctgcagtct	ccaggagaag	1020
ttctcacaaa	cggatatact	gatactaagt	acagcgcca	tctgccacga	tctggaccat	1080
cccggctaca	acaacacgta	ccagatcaat	gcccgcacag	agttggcggt	ccgctacaat	1140
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gagtgaaca	tcttctccaa	catcccacct	gatgggttca	agcagatccg	acaggggaatg	1260
atcacattaa	tcttggccac	tgacatggca	agacatgcag	aaattatgga	ttctttcaaa	1320
gagaaaatgg	agaattttga	ctacagcaac	gaggagcaca	tgacctgct	gaagatgatt	1380
ttgataaaat	gctgtgat	ctctaacgag	gtccgtccaa	tggaagtcgc	agagccttgg	1440



gtggactggt	tattagagga	atattttatg	cagagcgacc	gtgagaagtc	agaaggcctt	1500
cccgtggccc	cgttcatgga	ccgagacaaa	gtgaccaagg	ccacagccca	gattggggtc	1560
atcaagtttg	tcctgatccc	aatgtttgaa	acagtgacca	agctcttccc	catggttgag	1620
gagatcatgc	tgcagccact	ttgggaatcc	cgagatcgct	acgaggagct	gaagcggata	1680
gatgacgcca	tgaaagagtt	acagaagaag	actgacagct	tgacgtctgg	ggccaccgag	1740
aagtccagag	agagaagcag	agatgtgaaa	aacagtgaag	gagactgtgc	ctgaggaaag	1800
cggggggcgt	ggctgcagtt	ctggacgggc	tggccgagct	gcgcgggatc	cttgtgcagg	1860
gaagagctgc	cctgggcacc	tggcaccaca	agaccatggt	ttctaagaac	cattttgttc	1920
actgatacaa	aaaaaaaaaa	aggaattcat	gatgctgtac	agaattttat	ttttaaacgt	1980
tcttttaaat	aatatattct	tatacgg				2007

<210> 5815

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (364)...(10)

<223> similar to gil712 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5815

agggtatgag	ttttgtactt	ctttcataag	tttattccta	atcatgttat	tatttttgat	60
agtattgtaa	atgaaattat	cttaatttca	tatttggatt	gttcattcca	agtatataga	120
aatacaactg	atttttgtat	attgatcttg	tactctgcaa	cctgctgaac	ttatttggtc	180
caatagtatt	ttaatgaatt	ccttaggatt	ttctacatag	aaaatcgat	catctgtaca	240
tagagatagt	tttcttctt	ccttccta	ttagataact	attattattg	tcacgagat	300
cttgcttaat	tgccctgact	agaacctctg	gtacaatggt	gaatagaagt	agcaagaatg	360
gataccttgt	cttgctcctg	gtcttagggg	aaaagcatct	agtctttcac	cattaataat	420
gttgctcagct	ttggttttct	ata				443

<210> 5816

<211> 2756

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1464)...(2694)

<223> similar to gil262433 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5816

ttcatattaa	aaaaatagct	ggtaaactctt	tctaggtagt	aacttatcca	aacaatactt	60
tgagtatcat	attttgtgaa	tgacttgctt	aaactgggaa	actgaatatt	ctttttaaat	120
catataattc	ctgtattaaa	tgtgaaacac	acagtcctcca	aagtcacctg	attctctgtg	180
gaaaatgaaa	ggcattgaag	gaaaccagat	acattaatac	ttagtttttg	ttgaaagtgc	240
aacattactg	tacttagaag	gggcttggtt	tatttttaga	tatttaagct	atcattaatt	300
ttagaccaat	ggctaataat	aagagagatt	tttggttgct	catttatgga	gagacaaaga	360
acagcatggc	ataaacaac	atcccagaaa	taaatgaaaa	gttttaagt	ataaaattgt	420
gttttctatg	aaccagtgtt	gtacatgaac	caacattgtg	tttcttagct	ctgacctgta	480
cagtgaggta	cctgtcagga	cccctagtct	tggcactgga	aatgacaaag	ttctcctatt	540
actaaattct	catgccttcc	cttttctgac	ttaagtagat	tgaaattggg	aggtaccaa	600
tgatttatgt	ttgataaact	taagttctgc	tgatatactg	ttactggtaa	ttctggtacc	660
aaaatttcaa	acggtttgat	tatttagtagc	attttgagta	cctaggtgca	tataatacag	720
ttagcagacc	cttacagagt	caaaagagat	tttggaatct	ggtgatactg	ttgtttatta	780
cactagccta	ttacattttc	tttctttata	ataactgttt	atgtgagttt	cattgaaaat	840
cgtggctcta	ttgctttatt	catggtttcc	acaactcttt	ttgtaacacc	ttaattttct	900
ctcttaggta	ttttcctgtt	aaataagata	tcaaaagcat	caatcacaag	acagagaaaa	960
cgtattagga	aaaacttgta	ttagtatatt	ctaaactgaa	atggaaaaac	tcattattca	1020
tattttaata	aataaaaactc	ccaaatgatc	ttgctaaatt	atcccactat	ttagaagtag	1080
aaaataagag	aagagtgcctt	tcaaggaaat	ttgtcatatt	ctcccttcta	tctagaagtt	1140
gacaatgaat	tgcaataaaa	ctaagaaata	actgaatgct	gaaaaatacc	atgaattaat	1200
gttatggcctt	ctttattttt	gtatatccat	tcccacaaaa	ttgaatttaa	gattattaat	1260
gaaaattcta	tattaagtaa	taatgcttgt	attagtaatg	ggcaaagaag	tctttctttg	1320
ttacattaac	cgtagtaaaa	agatgtactt	tgacatttct	gatgtaaaac	ctatatgtaa	1380
atattgtaat	ttaaatatga	ttggacagct	gttaagtttt	ggggagggaa	gcagatgcca	1440
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aggaaaaggc	aggcagtggg	ctctgccagt	attatctgtc	caagattgaa	gaactccagg	1560
gtcaactgca	atataaattg	gatgggggaa	agccacaagg	aacagttctg	aactccagg	1620
gcatttgcaag	ctgattttga	atgataagac	ccaaaacctc	tggaggcggc	aggtggcagg	1680
gaatgaaacta	aatgttaaag	tgtgcctatt	acaggaggag	ctacagctgc	tgcaggaata	1740
ggactcctgt	gtcaggggaa	tagtccaggc	catgggtgaa	aagaaagtgt	tggtcaagg	1800
gcatctcaag	gacaagtttg	tcatagatgt	ggacaaaaat	atcagcatca	gtgatgtgac	1860
acccagttcc	ttggtggttc	taagaaatga	cagctacact	ttgcacaaga	tcctacccaa	1920
caagggtggac	tcattggtgt	cactgatgat	ggtgaagaaa	gtaccagatt	cagcttatga	1980
aatgattggt	agactggata	ggcagatcaa	gaagatcaaa	gaagtgatcg	acctgcctgc	2040
taagcatccc	gagctcttca	aagcactggg	cattgcacag	cccaagggaa	tgctgcttgg	2100
aagagactgt	tggcctgggc	tctggctcat	catagggact	gtgtaccttt	attcatgtct	2160
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ctggaggggaa	cagtgaagt	cagcagatga	tgcttcgagg	gtggctttga	ggccaccaag	2340
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cactttgaag	attcattctc	agaaatgaac	ctgacctcagg	ggatcaacct	gagaaaaatt	2520
gctgagctta	tgccaggagc	atcaggctga	agtgaagggc	atgtgcacag	aaaccggcat	2580
gtatgccctg	agtagcgagt	ccatgtcact	cagaaggact	ttgaggtagt	ccaaagtcct	2640
atctcatgcc	aaaggacagt	gaggaaaaac	atgtccatca	agaaactatg	gaattgaggg	2700
cacatccttt	gtgtgtatcc	ctacaataaaa	actcagtggg	acaagcaaaa	aaaaaa	2756

<210> 5817

<211> 2356

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (393)...(1989)  
 <223> similar to gi4928697 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5817

tttaccggct	cgacgatttc	gtcccaggca	ccgcaccggg	cagtctccgg	atctgccgtt	60
ctgccccggc	ccggaaaacc	cggcgccttc	caggcccttc	gaaagatgga	ttctgttgac	120
gtatctggcg	gccttggega	gcctggtgga	aagttgggtt	ttgccagatt	gcgcggggct	180
cctctttgtg	acgcgcggcc	agccccgc	ctcccccgga	gccggatggc	catgaaatca	240
catctcagca	catgcctttg	actctggatt	gcacatgtat	tcattagctg	aagcccaatt	300
ttaaaatcca	atcaactcta	tgattccttg	aaatgactgc	aaatcaagtc	acatccagtg	360
ctcctcagge	caagtggcat	cagagctgag	tgatggacga	cctgcagtc	cagaacctct	420
ccatggacat	gactgactcc	cctcctgcct	tggctaataa	cagactggag	aatggcatgg	480
ctcagctgat	caccaccgag	gcctggaaca	tcaactccac	tgacctggta	aagaaggccc	540
tggtgaccgt	gccagcccca	tccattctga	acccccctgc	cgagtctcag	agtggcatgg	600
ctctgaaggt	ggcggccact	gtgttgacgc	ccctgtgcct	cggggagagc	ccagtgggtga	660
tgcccattca	catgcagggtg	gagggaaagt	ccgcaccaga	gctcaatccg	aatggcaatg	720
ccacctacgt	catgaccacc	cagggccccc	tgcaactgcc	cgtgggtgctg	gagcagcacg	780
tctttcagca	cctcaactcc	cctctgggtcc	tgccgcagga	ggccccatgc	tcctccagta	840
ccatccacaa	caacctcttc	cagggagcgg	aggaccccca	ggccccagccc	cagctcctgg	900
acctgaggat	ccccagccag	ccgcaggagc	ccactttgcc	atttgaagct	gtgctccaga	960
atttgtttcc	ccccaggggc	actctcgggc	ccccacctgc	tcagcctcct	cctggctatg	1020
ccctgtggcc	cccacagcct	tttagctccc	ccttgtcccc	cctgggtccca	ccagccacc	1080
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gtgaagtcag	tcccccaatc	ttccaggaag	atgcagccct	agacctgtca	gtggcagccc	1440
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caggtcacac	agtgatggag	aaacttccca	gtggcatgga	aattttcttt	gcccctgcc	1560
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gagaagactc	cgtgcttcag	ggctatgaca	tcaacagcca	aggggaagag	tccatgggaa	1860
atgcagagcc	ccttagggaa	accccatcaa	aaaccggagc	ataaagggtta	aaggaaagtg	1920
aactcccagg	aaataccaca	tgctcccaat	caaaaaacaa	cggctggcca	ccttttttcc	1980
aagaaagtta	ataacggctt	tttaaaattt	gtatgattat	aatatgggga	aagggtgcatt	2040
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ggaaatggaa	aggtgaattg	gctctaagag	ccctgtatgc	tagtatcatt	ttctttttta	2160
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ttttttgcag	ctttaatgga	atattgggtg	aattagaggg	gtaaaaaagc	tatttttcatt	2280
gccacaaagt	gctttgatga	tgtaatacct	aataaagggt	aggatgaata	tttcacaata	2340
aatgtttgtt	tgcaact					2356

<210> 5818  
 <211> 1928

<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1393)...(1106)

<223> similar to gi4455160 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5818

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gcgggtgcgc	cgcttcgagg	accagctcgc	tgcgcgcgac	gccctcatcg	ctcgctccg	180
cgccgcctg	gccgcgctgg	agggggacgc	cgcgcgctcc	ctagtggacg	cgctgctgga	240
gcaggttgcg	cgcttcgggg	agcagctgcg	aaggcaggag	ggcggcgccg	ccgaggccca	300
gatgcgccag	gaaaattgag	aggctgactg	agcgactaga	agaaaaagag	agggagatgc	360
agcagctgct	gagccagccc	caacacgagc	gagagaagga	agtcgtcctg	ctacggagga	420
gcatggcaga	aggggagcgc	gcccggggccg	ccagtgcagt	cctgtgccgc	tccttgcca	480
acgagaccca	tcagctgcgg	aggacgctga	ccgccaccgc	ccacatgtgt	cagcatctgg	540
ccaagtgtct	ggatgaacga	cagcatgcac	aaaggaatgt	gggggagaga	agtcccgacc	600
agtcggaaca	cacagatggg	cacacctctg	tccagagtgt	tattgagaag	ttgcaggaag	660
aaaatcgact	gttaaaacag	aaggtgactc	acgttgaaga	cctcaatgcc	aagtggcagc	720
gctacaacgc	cagcagggac	gaatacgtga	gggggctcca	tgccgcagctc	agggggctgc	780
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gggatgctgc	gttgaggcgg	gtgcagatgc	tggaaacagca	gattctcgct	tacaaggatg	960
acttcatgtc	agaaagggcc	gatcggaac	gggctcaaag	taggattcaa	gaactggagg	1020
aaaaggtcgc	ctctttgctg	caccaggtgt	cctggagaca	ggattctcga	gagccagacg	1080
ccggccggat	tcacgctggg	agcaaaactg	ccaagtattt	ggccgcccac	gcattagagc	1140
ttatggtgcc	tgggtggctgg	aggcctggga	ctgggtccca	gcagccagaa	ccccctgcag	1200
agggcgggca	tcctggcgcg	gccagagag	gccaggggga	ccttcagtgc	cctcactgcc	1260
tgcaagtgtt	cagtgcagag	caaggggaag	agctcctcag	gcagtgtggc	gagtgtgcc	1320
agtgaccgag	actcaccctg	gcccttgccg	cctcctggcc	cggtgcagct	gccctcaggg	1380
acaggggtgg	tgctctcaga	tgccatgggt	tgagctctac	tgagagccaa	ggcccctaga	1440
atagttgcgg	ggcactctga	tcgttcactt	tggctccctt	ggctatggaa	caggctgggt	1500
cacagggaac	tgccagttag	gctggaggct	ggagggtggag	atgggggtcag	gaacatctgg	1560
cagagggagg	tcccagtctg	tgtctccatc	aggcttaagc	cagagctatc	tgggtgctgg	1620
gtgccagccc	ctccccagc	ctgcctagaa	aggggtggct	gcctgaggga	gtcacttgta	1680
tgggtcccg	ggtgggagcc	ccatcctggt	ctatggaata	aagcgtcgcc	tctctgcctc	1740
gaaccagtca	aatggagtat	tgcggtgca	cgtcacacta	gggtggccac	ccccgccatt	1800
gcgagccaca	tgtctgcact	gagaaactgc	atttcagtag	catttgtcat	ccagccggaa	1860
gttaaagcac	acttacttta	ttcacctatt	tttataataa	acgttcttgc	tgctgtgaaa	1920
aaaaaaaa						1928

<210> 5819

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(466)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (77)...(436)  
 <223> similar to gi3170965 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5819

nttgttgacg	tccctagtc	agngcggtg	aattcatccc	tcccctacag	aagccccag	60
agcgcagcac	ctcaccatgg	actgcacctg	gaggatcctc	ttcttggtgg	cagcagctac	120
aggcaccac	gccaggtcc	agttgttaca	gtctgggtct	gaggtgaaga	agcctggggc	180
ctcagtgatg	gtctcctgct	acgtttccgg	atacaccctc	actaaattat	ccatgcactg	240
ggtgcgacag	gctcctggaa	aagggcttga	gtaaatggga	ccttttgatc	ttcaagatgt	300
tgaacaatc	tatccccaga	agttccaggg	cagagtcagc	atgaccgagg	agacatctac	360
agagacaacc	caacctacct	ggagttgagc	agcctgagat	ctgaggacac	ggccgtgcat	420
cactgtgcaa	cagacacagt	gtgaaatccc	ccagcctgag	agcgt		465

<210> 5820  
 <211> 1605  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (800)...(1430)  
 <223> similar to gi2828151 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5820

aatacaaaaag	ttagccgggc	atggtggcac	gtgcctttgg	tcccagctgc	tccggaggct	60
gaggcaggag	aattgcttga	acccgggagg	cgagggttgc	agtgagttga	gatcgcgcta	120
ctgcactcca	gtctgggcga	cagagcaaga	ctccctttcc	aaaaacaagc	aatgaaaaaa	180
atagagtttt	ctctatcaca	caaattggga	ggtttgtatt	gaatgttata	tttatcctct	240
atccagtctt	gtcttgagc	acaaagcaaa	aaggccagc	atcctccact	atcttctgaa	300
aacttgccct	caggcctgag	caagagggtc	gcccgggtgc	ttccatgtag	ccagccagca	360
tatgtgcagg	gccaagtcta	gagggaggag	gggggtggcac	atggatggtt	tcgtttaatt	420
ggaagacagt	gggtagattg	gagctggcat	ttgaagatgt	tgagagttgt	ggatcatggg	480
caagaaaagc	gctgttcttg	gactgcgggg	caggagaagg	aaactgatgc	ttctgagggt	540
gagtctgatg	agataacatg	cctgtgtgtg	ggcctcaggt	tagacagtgc	tgaggtctcc	600
cgtcactggg	catccagctg	ggtgctacgg	ccgtggctcc	tgccttctgc	agccctgtca	660
gggccaagg	ccttcccat	cagcacttgc	tccagcctac	tactggagt	tgtgttctgg	720
gtgggtgtgt	agaatactcg	cactcctact	tggggcatca	gggagctctc	tagcaatttc	780
ttctgcacct	agggagagcc	cactgctaaa	aaaggcctag	tcaaatcctc	aggtgtacat	840
ggacatcaag	attgggaaca	agccggctgg	ctgcatccaa	accctcctgc	gttccgacgt	900

cgtgcccatg	accacagaga	at t t t t c t c t a	c a t g t g c a c c	c a t t t t a a a g g	a c t c g g c t t c	960
a a g g g a a g c a	g c t t c c a c c g	c a t t a t c c c c	c a g t t c a t t t	g c c a g g g c a g	t g a t t t c a c a	1020
a a c c a c g g t g	g c a c c a g g g g	t c t g c g c a g g	c a t g g c a c t a	a g t g t c c c a t	g g c a c a t t t g	1080
g c c c t c a t g g	a g g c c t c a a a	a g g g c a g g a c	c a g c a c c c t c	t t c t a c g g a g	g a a g g a a c g g	1140
g c a c a g c a g g	g t g a g c c a c t	g c g c c t g a t c	a a g g c a t c a c	c g t t g a a c c t	c c t a a g a g g a	1200
a a a c a t a a g g	c t g t g c a a t a	c c a g g a a c t g	g g a t t c t a g g	t t g c c c c a g a	c a c c a a g g c a	1260
t c a a a a g c c a	g g g g a t c c a g	a g a a a a c a c a	g a c a g c c a a g	a g a g a a a c t g	c g g g a a a a a g	1320
c c a a a a g g t t	g a g a g c c a c a	c c a t c t a g a a	g c t t c c t g c c	t g t g g t g c g g	c a c a g a a a c a	1380
a g g a g a g t c a	g c a a t t a c c a	g c c a g c c a a g	g t c c t g g a a g	c t g a c g t a g a	g c t c g t g c c g	1440
a c g g c a g a c c	t g c c g g c c g t	g g g a g c c g c g	g a c g t c a t c t	g c a g g g a c a g	a a g g g g c a a g	1500
g t c t t t t c t g	g g g t t c c t g c	t g t g t g c a g c	t a c t a t g g g g	t a c c a g g g t g	g g g g a t g c c c	1560
t g a t g a g c a c	a t t t g t c a a a	t a a t g a a t g	a c a g g a a a a a	a a a a a		1605

<210> 5821

<211> 1503

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (145)...(608)

<223> similar to gi871830 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5821

c c t g g a g g g a	g g c a g g a a g g	g t g g a c a c g c	c t g t g t g g g t	g a t g g g c a g a	g g g g a c c t c t	60
c c t t c c t g t c	t c c c t c g a g c	c c g g a g c a t c	t c t c c t t c c t	g t c t c c a g g a	c t a c a g t a t t	120
g a c g a g g a g g	c c g c c t t c c a	g g c t g c t c t g	g c c c t g t c t c	t c t c t g a g a a	c t g a a g g g a a	180
g c g c a g c c a c	c c g c c t g c g t	c t g g g g t c a g	g g a t g t c c c c	g c t c c t g t g t	c g c a c c t g g c	240
a c c t g c t c g g	g a g c g c a c c t	c a c c g g a c t g	a g c t c a c a g g	a g g a g c c t g c	a c c c g c g c a g	300
a a g g g g a g c c	g g g g c c g a g c	c t c c g g g c c t	g a a t a c g g g c	c a g c c g c c g a	g g c c g c c a g a	360
g c a g g g c c g c	c t g g t c c c a c	c g g c g t c g c t	g g g t t c t t c g	g t g c t t c t g g	c c g a g c a g g c	420
g g c c t a c t t g	g g c a g g g c t g	g a c g c t g g g a	c c t g g a g c t g	c c g c c g t c t c	t t c a a a g c c a	480
t g a t a c c c c c	t c g t g g g a a g	a a g g g a c c g a	c g c g c a g t c	g c g t c c g c a	g t c g a g c c g g	540
g a g g a a c c c a	g g c t g c t g c c	c t g c c c a g c c	c g a c c c t g c c	c c g g c c c c g c	t t c c a c c t t g	600
c g c a t t t g g t	a c t g g c t t t t	g t g a t a c t t a	g g a a c c c t g g	c a t c t t t t c t	a t a t t a t c c a	660
g t g t g a t a a t	c t t t t c a c g t	t t t a t a g a g c	a a a g a c a g a g	c a g t t a c t c t	t c a t a t t g c a	720
a t a t c t g t g t	t t g a c t a g g a	a t a a t a g t a t	t t t t a t g g a a	c a t t t a c a a a	a t t a t a t t t t	780
t t a a g a a a a c	a a t c a a a a c a	a g c a t t g g g g	g a t t g g g g c a	a g g a t g g a a g	g a g c a g t g g g	840
g c a g c t g c c a	g a g c t c a g g c	g a g c c a t g g g	g t c t g c t g t g	g g g t c t g c c c	t g g c c a c c c a	900
c t g t g t g t c t	g g g t c c t t g a	g g t t t g t a c g	t t t c t c t t t g	a t g a c c a g g a	a g a a a t c c c a	960
g c a c c c c a g c	c a c a g g c t g t	g g c t g c t c c c	a g c a g a g g c g	g g g c c g g c a g	a g a a g g g g c c	1020
t c c t c c a c c c	a g a g t c c t g g	c c t t g g c c c g	c t g t c a c c t t	c a a a g c t g a c	t g t g c c c c g c	1080
t g c g g g a g g g	g a c g g c a c c c	c a g t g g t g g c	a g a g c t t g g g	g g c c t g g g c a	g g g g c c c g c t	1140
t g g c g g g c c g	g g c a a c a c g t	c a a c a t t c t t	t t c t g t t c t t	g g c a t t a a t t	a t t g c t g t c t	1200
t t t t t t a a a a	a a a a a a a g t t	t a a a t a a a a t	g t c t c a g a g c	a t c a a a a a a a	a a a a a g g g g g	1260
g g g c c c t t t t	a a a a g a a c c c	t t g g g g g g c c	c a a a t t t a a c	g g g g g t t g g a	a a g g t a a a a t	1320
t t t t t t c t t t	a t g g g g g g c c	a t t t a a a a c c	c t c c t t g g g a	t t t t t g g a a a	a g a a c c t t t t	1380
t t t t g g g g g g	g g a a a a a a t t	g g c c c a a c c c	c c c c c a a a a a	t t t a a a g c c t	t a a g g g a a a a	1440
a a a a a a t t t t	t a a g g g g a a a	a g g g g g a a a a	a c a a c c g g a a	t a c c c t g g c t	g t t a a a a a a a	1500

&lt;210&gt; 5822

&lt;211&gt; 1945

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1192)...(263)

<223> similar to gi2749982 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

&lt;400&gt; 5822

tttttttttt	ttatctgtat	gaaatattag	ttttaataaa	acagaaccag	tccatgtatg	60
gaggcatggg	cataaggtca	acttgacta	aatgtaactc	gtacgttttt	tctaaaataa	120
tttcttgagc	attgtggtgg	ccttatgtac	taaccggaag	ctgaacttcc	tggaagctg	180
atccaatgga	gcacttgga	ttcaggggtg	gagtcttctt	cctgggtcag	agctggttca	240
gggtcacatg	ctcttgaggt	ccctaaaggc	cacatgtgct	gcatttcgcc	cagcagctcc	300
catcacacct	cctccaggat	gagccccact	tccacagaga	tacaggccct	ggagagggca	360
gcggtagcca	gaatgcaggg	gcacggggcg	ggcgaagtag	agctgggtcca	gggacatggc	420
gcagtggaaat	atgttccctc	caggaagccc	gaagattctc	tccaaatctg	gtggtgtgag	480
gatgtctctg	ccaaccacag	agtccttgaa	gccaggggca	tagacctcga	tgcaatcaaa	540
cactgtggga	aggcaggcca	tccatggcat	cttcaaaggc	ctgatgaagg	aggaggggtg	600
cttcacagtt	caggtggatg	gagcattggt	gatggggcag	cggctggccc	ctgggagcat	660
tgggggccgc	caggaagctg	ggcagcctgt	ctacggccac	ttctgaccag	gctgcagggg	720
gacacaggct	ggaggtccgg	gaatggagat	gatgactgag	ttcagctgcc	cccagcctgg	780
aggtttctca	ctcagatggg	tcaaaggaga	cagtgtgtca	atgtggtgtg	cctcttacca	840
ttgatcttgg	tgacaggcga	ccgggtgtcc	agctgagaga	ttctctccag	gaactcctca	900
ggaagccact	cctgtggcgt	cagcttcagg	aaggtgatct	gcggtgatgt	gttgacagc	960
accattttgc	ttctcacctc	tgtgccatct	tccagcacia	ctccttgaac	acagccttca	1020
ctgttcacct	gcaccttcgc	cactgtcttt	tcagtgaaga	tgcttgctcc	atgtgtggtg	1080
gctgagcttg	cgatcgcatc	agagagggca	cccatgcccc	cctggacgta	gccccaggcc	1140
ccctgcattc	cctccaggcc	ccccatcaca	tggtgcagca	gcacatacct	gtggacagac	1200
catccgactc	agatcctgga	ggtgggatct	catctcccca	gagttccagg	tgcaactatt	1260
cctttccatc	ttgatcttca	gcccttccct	gccaccatcc	agccctctcc	cagcagcctt	1320
caatgagctc	aagttcttgt	aagagccctt	tgcttctctc	acaccctctc	cctaacaagt	1380
gtgtctatgt	gcatagctta	ttaccacaaa	gaaggcaacg	atgcccacac	ctgcagctcc	1440
agccctctcc	tgagctccag	ctccgggtgtc	cagctaccca	cagatatctc	cctttggacc	1500
ctttcttggc	agcatcttaa	accaccacc	ttttcccat	tctccagctg	cttccccctc	1560
aatctttccc	atcccagtg	acggcacctt	tcaacaggag	gttctgtttc	cgacagaaat	1620
ccagggtgtca	gccttgaccg	ctaccatcct	tccccatcta	catccacaaa	gcaacaccaa	1680
ctcagcctcc	aaagggtctt	caaggctcatc	ccacctctca	gcctctcttc	tcttcttat	1740
gctgctgcag	tagtgcccc	cattggaccc	cctctccac	actttctctc	ctgcaggtct	1800
tgccacata	tatcctggag	ccctatctta	aagcccagct	ctgctcctgc	cactcactta	1860
tcaccattcc	aagcctcccc	ggcttggcac	tgctcttagg	ataatggcca	gtcttctagc	1920
aggcactcca	gcctcatccc	tcac				1945

<210> 5823  
 <211> 1002  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (368)...(837)  
 <223> similar to gi332566 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5823

ttttcaacct	taaaaaattt	taatggaatt	ttcttctttt	ttttttttct	ttaaataaca	60
atgtgacaaa	aggggtgaaa	aatcctaaac	aagggtattga	ggccagtgtc	caggctgcat	120
tcagttcaca	aaactgtcct	caggacgttg	catggaactg	gaaatgtgta	taattacaga	180
agaaaacagg	gaggacttag	tgcagagagg	agacgagtgt	ggacgggcaa	cagcatcctt	240
agtctttcat	atztatatat	ggtatatgta	ttttctatat	atatatztat	atattttaca	300
tccaggtatc	ccagtcattc	gtaccatttc	ccagggagac	atgggtgctt	ccaaggcgag	360
acaggaaagg	gttaggcagg	gaaggggcag	cgacggtgca	ggctggggct	tggtcacag	420
aagctgcagg	agcttcagcg	actgtaagag	ggccccgggc	tccgcagacg	ccaggtactg	480
gcagcaaagc	cagtcctcca	gctccacgcc	ccgctgcga	tccaccgctt	tctccgcaa	540
cttcattcat	atcaggggcc	gcttcattgt	gatccagttg	tgcagcgtgc	cgcacagcgc	600
ctcctccgag	gtgcccggct	gctgcaccag	ctcgcgcga	ggccccaca	gcaggcactg	660
cagcacgcgc	ttggcctcgc	cgatgcggat	acgcttgatg	gggtcggcct	ccagtagcag	720
atgtgccagc	tgctgcaggc	cgggtgagta	gagggacagc	gcgggcagcg	gcggcaggtc	780
ctcctgccgg	tagtctctct	cccgcagctg	ggcgcgcacc	tccaacgggt	tggttggtg	840
cagcagctcg	tagatgagga	tgcctgtctg	gaactcatcg	aacttgcggt	actgggaagc	900
agacacgata	tcgggggcca	gccgggcctg	gctcttcttc	tgctgcaggt	ttgggggtgt	960
gcccggtctc	tgcttggcct	tcaaaaagtt	gctgatgatg	ag		1002

<210> 5824  
 <211> 3270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3271)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1499)...(548)  
 <223> similar to gi5420387 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



<400> 5824

ggaccgcgct	caacggcctc	ttctggttgc	tgtcttctc	gtccctccgg	cccattgttc	60
ctactcacgc	gtctcacttt	atggcctatt	ttctgcatgg	atctctggca	gcctcgcttt	120
ctccctgacg	tttcagcctc	atccccagag	gagccacact	ctgacagtga	gggtgcgggg	180
tcaggcgccc	ggccgcacct	gctgagtgtg	cccagttgt	gcagatacct	ggctgagagc	240
tggtcacct	tccagattca	cctgcaggag	ctgctgcagt	acaagaggca	gaatccagct	300
cagttctgcg	ttcgagtctg	ctctggctgt	gctgtgttgg	ctgtgttggg	acactatgtt	360
ccagggatta	tgatttccta	cattgtcttg	gtgagtatcc	tgctgtggcc	cctggtggtt	420
tatcatgagc	tgatccagag	gatgtacact	cgcctggagc	coctgctcat	gcatctggac	480
tacagcatga	aggcagaagc	caatgccctg	catcacaac	acgacaagag	gaagcgtcag	540
gggaagaatg	cacccccagg	aggtgatgag	ccactggcag	agacagagag	tgaaagcgag	600
gcagagctgg	ctggcttctc	cccagtgggtg	gatgtgaaga	aaacagcatt	ggccttggcc	660
attacagact	cagagctgtc	agatgaggag	gcttctatct	tggagagtgg	tggttctctc	720
gtatcccggg	ccacaactcc	gcagctgact	gatgtctccg	aggatttggg	ccagcagagc	780
ctgccaagtg	aaccagagga	gaccctaagc	cgggacctat	gggagggaga	ggagggagag	840
ctggccccctc	ccgaagacct	actaggccgt	cctcaagctc	tgtcaaggca	agccctggac	900
tcggaggaag	aggaagagga	tgtggcagct	aaggaaacct	tgttgcggct	ctcatcccc	960
ctccactttg	tgaacacgca	cttcaatggg	gcagggtccc	ccaagatgg	agtgaatgc	1020
tcccctggag	gaccagtggg	gacactgagc	cccagagacag	tgagtgggtg	cctcactgct	1080
ctgcccggca	ccctgtcacc	tccactttgc	cttgttggaa	gtgaccagc	cccctcccct	1140
tccattctcc	cacctgttcc	ccaggactca	ccccagcccc	tgccctgccc	tgaggaagaa	1200
gaggcactca	ccactgagga	ctttgagttg	ctggatcagg	gggagctgga	gcagctgaat	1260
gcagagctgg	gcttggagcc	agagacaccg	ccaaaacccc	ctgatgctcc	accctgagg	1320
cccgacatcc	attctctggt	acagtcagac	caagaagctc	aggccgtggc	agagccatga	1380
gccagccgtt	gaggaaggag	ctgcaggcac	agtagggctt	cctggctagg	agtgttgctg	1440
tttctctctt	tgctaccac	tctgggggtg	ggcagtgtgt	ggggaagctg	gctgtcggat	1500
ggtagctatt	ccacctctg	cctgcctgcc	tgccctgtgt	cctgggcattg	gtgcagtacc	1560
tgtgcctagg	attggtttta	aatttgtaaa	taattttcca	tttgggttag	tggatgtgaa	1620
cagggtctagg	gaagtccttc	ccacagcctg	cgttgcctc	cctgcctcat	ctctattctc	1680
attccactat	gccccagcc	ctggtggtct	ggccctttct	tttctctct	atcctcaggg	1740
acctgtgctg	ctctgcctc	atgtcccact	tggttgttta	gttgaggcac	tttataattt	1800
ttctcttgct	ttgtgttctt	ttctgcttta	tttccctgct	gtgtcctgtc	cttagcagct	1860
caacccccatc	ctttgccagc	tcttctatc	cctgtggcac	tgccaagct	ttagggaggc	1920
tctgtgtctg	ggaagtaaag	agtaaacctg	gggcagtggg	tcaggccagt	agttacactc	1980
ttaggtcact	gtagtctgtg	taaccttcac	tgcattcctg	ccccattcag	cccggccttt	2040
catgatgcag	gagagcagg	atccgcagt	acatggcgcc	agcactggag	ttggtgagca	2100
tgtgctctct	cttgagatta	ggagcttctt	tactgctcct	ctgggtgate	caagtgtagt	2160
gggacccccct	actagggtca	ggaagtggac	actaacatct	gtgcaggtgt	tgacttgaaa	2220
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tgactgcac	tgtgttctct	cctcaccctt	aacctgcttc	actccagtct	gttctggctg	2340
tttattacct	tgttgcaaaa	cagggccgaa	gcaaggatta	ccttgacaac	cctagcttct	2400
ccttagccat	cttcttgac	agtgtgatct	gtttagttag	atttagcatg	tgtgaataaa	2460
gtatatgcag	gaggaaattg	ctttgtcttc	ccaatcggtg	gaaattcggg	accataaaaa	2520
ttgtgtttta	ccatgtggcc	tacaacctta	acactgcttt	cttaagaagt	cttcacccat	2580
ctacatgcta	acaactcact	cagcctggat	ttatctttac	tggggaagcc	aaacaagcaa	2640
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gttttggtt	cagcaaagtc	atcagacagc	ccctgtccat	taatagggca	caggtaggaa	2940
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ttatgagttc	atgtcctccg	ccttcagctg	gaggtaccat	atggcgatgc	tacctgtctt	3120
tctgctggag	gtaccatatg	gtaatgctgc	ctgtctgtct	gctggaggta	ccatatggta	3180
atgctgcctg	tctttctgag	gttgactttt	atgccatgtc	tttcttaagt	gtgtaagaat	3240
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<210> 5825  
 <211> 5010  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (248)...(3530)

<223> similar to gi5870866 in the genepept database release 114,  
 Run with FASTXY 3.3t00; default parameters

<400> 5825

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aatggccaca	cgctgacaga	accagccgag	tggaaaaggg	gagcgaagcc	gttcctctgc	180
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aggggcgatg	agttggttca	acgcctccca	gctctccagc	ttcgctaagc	aggccctgtc	300
ccaggcccag	aagtctattg	acagggttct	ggacatccag	gaagaggagc	cgagcatctg	360
ggccgagacc	attccgtatg	gagagccggg	aataagttcc	cctgtcagtg	gaggatggga	420
tacttcaacc	tgggggttga	aatcaaacac	tgaacctcag	agtccaccaa	tagcctctcc	480
taaagcaatc	acaaagccag	ttcggaggac	tgtggtcgat	gaatctgaaa	atttcttcag	540
tgcttttctc	tcgccaactg	atgtccagac	cattcagaag	agtccagtg	tatcaaaacc	600
tccagcaaaa	tcacaacgac	cagaagaaga	agtgaagagc	agcttacatg	aatccttgca	660
cattggccag	tcaagaactc	ctgaaacaac	tgaatcacia	gtaaaagact	cttctttgtg	720
tgtttcaggg	gaaactctgg	cagcaggtac	ttcatcacct	aaaactgaag	gcaagcacga	780
agaaactgtt	aataaagaat	cggatatgaa	gggtgccact	gtaagtttga	aagtatctga	840
aagtgttaatt	gatgtgaaaa	caactatgga	aagtatatct	aatacgtcta	cgcagtctct	900
cacagcagaa	acaaaggaca	tagctttgga	acctaaggaa	caaaaacatg	aagacaggca	960
gagcaataca	ccttctcctc	ctgttagtac	cttttcatca	ggtacttcta	ccaccagtga	1020
tattgaagtt	ttagatcatg	aaagtgtaat	aagtgaagagc	tcagcgagct	cgagacaaga	1080
gactacagat	tcaaaatcaa	gtcttcactt	gatgcagaca	tcttttcagc	ttctctctgc	1140
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ttcatctgat	gcttttgaaa	gaatagactc	atttagtgta	cagtcattag	atagccggag	1260
tgtaagtga	atcaattcag	atgatgaatt	gtcaggcaag	ggatatgctt	tagtgccat	1320
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agaagtaaat	gaaacattag	ttatacccac	tgagggaagca	gaaatggaag	aaagtggacg	1440
aagtgaact	cctgttaact	gtgaacagcc	tgatatcttg	gtttcttcta	caccaataaa	1500
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agaagcactt	tctgagaagg	aagatgtttg	caagacagtt	gaatttctga	atgaaaagct	1620
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caaagagaga	gatgctgcta	aaaaggaaat	caaaaacata	aaagaagaac	ttgccactag	1860
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gaaacaacat	agagaaaata	ttaaaaaact	aaattccatg	gtagaacgcc	aagagaaaga	2160
tcttggccgt	cttcaggtag	acatggatga	acttgaagaa	aagaaccgaa	gtattcaggc	2220

tgccctggat	agtgcataca	aagaacttac	tgatcttcac	aaagccaatg	ctgcaaagga	2280
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aaaggaacgc	aagccatttt	ctgtttctag	cactcccacc	atgtcacgct	caagttcaat	3060
aagtgggtgt	gatattggcag	gactacagac	atcttttctg	tctcaggatg	agtctcatga	3120
tcactcattt	ggaccaatgc	ctatatcagc	aaatggaagc	aatctttatg	atgctgtaag	3180
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acccaaactt	agaactcagc	taagagattt	ggatcaaagg	tacaacacta	ttctgcagat	3420
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atagcacaga	gattttattac	tttatcctca	tataaatatg	gctagagaag	aagaattggg	3840
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tatattaaga	acatttgaag	agtaattgta	acatactgaa	actttgaaat	ctttcacatt	3960
taaaatttca	acatatctta	attactgctc	atgaaaatgt	acattaagt	ttaaagtaaa	4020
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tctgaaaatt	tatttcaccc	agctttcaca	attaagtctg	tataaaatgt	ggtacctttt	4200
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<210> 5826  
 <211> 2481  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (129)...(2166)  
 <223> similar to gi36439 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5826

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gcggggcat	gcagccaacg	ctgcttctca	gcctcctggg	agccgtgggg	ctggcgctg	180
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cagacacaga	gaaatgggca	gagggaggcg	ggcacagccg	agagcgagcg	gatgagcccc	540
agtggagcct	ctatccctcc	gacagccaag	tctctgaaga	agtgaagaca	cgccattctg	600
agaagagcca	gagagaggat	gaggaggagg	aggagggaga	gaactatcaa	aaaggggagc	660
gaggggaaga	tagcagtga	gagaaacacc	ttgaagagcc	aggagagaca	caaaacgctt	720
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aaacacatgc	tgccgggcat	tctcaggaga	agacacatag	ccgagagaag	agtagccagg	840
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gaagccagga	agaatctgag	gaaggtgagg	aagatgccac	ctctgaggtg	gacaaacgac	960
gcacgaggcc	cagacaccac	cacgggagga	gcaggcccga	caggtcctct	caaggaggga	1020
gtcttcctc	tgaggaaaag	ggacaccccc	aggaggaatc	tgaggagtca	aacgtcagca	1080
tggccagttt	aggggaaaag	agggaccacc	attcaaccca	ctacagggct	tcagagggaag	1140
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cacatggata	tggatgaagaa	agtgaagga	agaggggcct	tgagccggga	aagggacgcc	1380
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gctgactgtc	attggagcgg	tgggactgt	taagaagcag	ccatcacatg	atctgttttt	2220
caccacttca	ctgaaagaca	ccatttatct	acccaagggc	agaaagtaga	acttactatt	2280
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gtgaattgca	tgacttgtag	catattcttt	tctgcaaaat	agacatatta	acatgcttat	2400
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<210> 5827  
 <211> 2793  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2794)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2515)...(2217)  
 <223> similar to gi3850063 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5827

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aaaagaaatc	actttgaaaa	acacaatgac	tcagaggcag	tcaccccttg	ccagcaattc	180
caagagctga	ggaggcttca	tgcctcagga	catggtgact	agttgagtga	accagagatt	240
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accggcagat	ctcagggcgg	tttctggcac	atcagaagtt	gggcttatgc	ttcttgagct	600
ccaccataag	gtggtgaatg	ttgatgagct	cagcccgggc	agggagggct	cggagctgcg	660
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tccttgagga	gaactcagct	gccactcgga	ggacaaaatt	ctccacctcc	acctgcagct	1140
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gcaccaccag	accatcaaca	agctcccca	gtttccccc	aactgctgg	cgatttcgaa	2280
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tccccggagt	ggagctacaa	gtcccaaagg	gtcttcctca	gcgcgaaatc	gttcccagat	2700
atttgagata	agttgtttga	ctccagctgt	cccctttcag	ctctaaccac	tacgaaatcg	2760
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<210> 5828

<211> 1711

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (359)...(1357)

<223> similar to gi642486 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5828

ggaattcccc	ggtcgacgat	ttcgtgcggt	catggaggcg	ggcgccggag	ccggcgcggg	60
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ggcttccgag	ggctgtgaga	ggaagaaggg	ccaacgctgg	gggtccctgg	aacgacgggg	180
gatgcaagct	atggaggggg	aggtgttact	cccagctctc	tatgaggagg	aagaggaaga	240
ggaagaggag	gaagaagagg	tgaagaaga	agaagaacaa	gtgcagaaag	gtggcagtgt	300
tggctctctg	tcagtcaaca	agcaccgggg	actgagcctc	acggagacag	agctggagga	360
gctgcgggct	caggtgctgc	agctggtggc	agaactggag	gagaccgggg	aactggcagg	420
gcagcatgag	gatgactcct	tggagctaca	ggggctcctg	gaggatgaac	ggctagccag	480
cgcccagcag	gcagaggtgt	tcaccaagca	gatccagcag	ctccaagggtg	agctgctgtc	540
tctacgggag	gagatttccc	tgtagagca	tgagaaagaa	agcgaactta	aggaaataga	600
acaggaattg	catttgcccc	aggctgagat	ccagagtctg	cggcaagcag	cagaggattc	660
cgcaactgaa	catgagagtg	acatagcatc	cctgcaggag	gatctctgcc	ggatgcagaa	720
tgaacttgaa	gacatggaac	gcattcgggg	agattatgag	atggagatcg	cctccctccg	780
tgcaaaaatg	gaaatgaaga	gctctgaacc	atccggtagt	ttaggtctct	cagattactc	840
tgggttacaa	gaagaactgc	aggagctgcy	ggaacgctac	catttctctga	atgaggaata	900
ccgggccctg	caggagagca	acagcagcct	cacggggcag	cttgcagatc	tggagagtga	960
gaggacacag	agagcaacag	agagatggct	gcagtcctca	acactgagta	tgacgtcagc	1020
agagtctcag	acttcagaaa	tggatttctt	agagcctgat	cctgaaatgc	agttgttacg	1080
gcagcagcta	cgggatgctg	aagagcagat	gcattggcatg	aagaacaagt	gtcaggaatt	1140
gtgttgtag	ttggaagagc	tacagcatca	tcgccaggtc	agtgaggagg	agcagaggcg	1200
gctgcagagg	gagctcaagt	gtgctcagaa	tgaggtgctt	cggtttcaga	cctcccacag	1260
tgtaaccag	tcattccccta	cccccaatcc	ccccatcttc	tccttgcttc	ttgtaggccc	1320
tgggtggcat	ctcggttttg	ctctggtgct	gggtgggctga	gacgtcgtcc	taatgcagaa	1380
catgtttggg	ttgtggaagc	ctatggtatt	cttggtctatt	gcagctgtgg	ctctgtatgt	1440
gttaccacac	atgcgacagc	aggagtcaga	gttctgcctc	atggagtgat	ggcagacctt	1500
ggccagcgcg	agggcagatc	cccagtgccc	accaccctca	gctttgggca	ggacacactg	1560
tgccagaacc	ctccccatat	gttccatgtg	tccccatctc	ctcagccctc	agtcacccag	1620

```

gctgaaaagg cttgtgggga gcggtgact tccatctcct gccttgtgta agaacctgag 1680
ttcccttgta attaaatata aactgaatta c 1711

```

```

<210> 5829
<211> 925
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (79)...(777)
<223> similar to gi3128208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5829
tttcgtgggt actggggcgt gcgtgaggcg tttactgatg cttcctgggc cgggtggcctc 60
ggtecccgta agccaggcat gaagatcaca aggcagaaac atgccaagaa gcatcttggc 120
ttcttcgcga acaacttcgg agtccgcgag ccgtaccaga tctgtctgga cggcaccttc 180
tgtcaggcgg cgctgcgggg ccgcatccag ctgcgggagc agctgccccg ctacctcatg 240
ggggagacgc agctgtgcac cacaagatgt gtgttaaaag agctagaaac attgggaaag 300
gacttatatg gggcaaaact gattgcacaa aaatgccaaag ttcgaaattg tctcatttc 360
aagaatgcag tgagtggatc agaatgtctg ctttccatgg ttgaagaggg aaatcctcat 420
cattattttg tggcaacaca ggatcagaat ttgtctgtga aagtaaaaaa gaagcctgga 480
gttctcttca tgtttattat tcagaacact atgggttttg acaaaccctc tcccaaaaca 540
attgcctttg taaaagcagt ggagtcaggt cagcttgtct cagtgcataa gaaagaaagt 600
atcaaacatc tcaaagagga acagggttta gtgaaaaaca ctgaacagag gtagaagaaa 660
aaagcgcaag aaaataagtg gtcccaatcc tcttagttgt ttgaagaaaa agaaaaaggc 720
accggacaca caatcatctg cttctgaaaa gaaaagaaaa agaaaaagaa ttcggaacag 780
atctaaccce aaagtacttt ctgagaagca gaatgcagaa ggagaatgaa tcctttggat 840
actttcaagg acattcaaat gtgaaaatga attttttaca actagaagta tttataataa 900
aagaccaaac ttatttttgt aaatg 925

```

```

<210> 5830
<211> 2129
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1983)...(1659)
<223> similar to gi2887314 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5830
tttttttttt ttagaaaaac atttattgta atcgatcaca ttcaagtcgt agttctgaaa 60
gcaaagtgaa aacacacagt acagctatgc ctcagtatcc atgggggatg ggttccagga 120
ctgcaacctc aacctcaga caccgacatc tgaggatgct caagtccttg atgggcaatg 180
gcatagcggt tgcacgtaac ctacgcacac cttcctgtat aatttaaate atctctagat 240
ttcttataat accaaatata atataaatgc tatgtaaata tgctacacca tattgtttag 300
ggaataatgg caagaaaaaa aggtctgtac gtgttcagta ccaatgcaat ttcttttttc 360
aaatatttcc tatccaaggc tgggtggatt taaatgtgga gaccacagtt acggagagct 420
gactgtactg gggaaatctt tagggtagaa acatttttta gagatggttt atatcacccc 480
ccttcagaaa gagcaatata ggcatacctc attttactat gctttgtgaa tactgttttt 540
tttttttaaa ttgaaggttt gtagcagcct ggcatacaggc aagtctatctt ggcaccattt 600
tccaacagca tgtgctcact ttgcgtttct gtgtcagcat tttgaacagt aaatattttt 660
aaattaaggt ttgtatatctt gttagacata atgctattgc acatttagtg gactgcaata 720
tgcagtaaac atgacttaga tgcactggga aactaaaaca atgcgcttcc ttgctttatt 780
gtgatgttgg ctttaccgag gtggtctgga actgaacca caatatctcc gagatatacc 840
tgtacttttt actaaaaata tttcatttga gaagtaaacc tcaagaacta ccaggacttt 900
tcagatggga agagcgaggc cctggcaggg cgagtctagg tgtgcagcct agtggggggc 960
ggggtcaagt ccactcggtt tttgtggctt cactcagcag gccgcccgtc ccctccgtgg 1020
ggccattcga cagtcctctg gtaggggacg gttgcactag gaggtaaaca tgattccagc 1080
atgggctgct ccaaggccct gagacccag gacctgcagg ggggtgggat ccagtcctgc 1140
agcagggtgct ctgaagagga gtcactctcc aagatgagaa ggccccgggg ggaggatgaa 1200
gtgtggtcag accgtcggct gagcgtgatc acttccccag acccatgcgg gtgagaggac 1260
tcagcagacg cctccgaagc ctgcggcagg caggccttta ctcttactg gggggccagt 1320
cagagggtg tcatggcagg ccagtgcaca tgccaccaac acatgctgct tcatcagtaa 1380
tttctggaac atgacactgc acagcgggtg cctctccagc gggacattac tagtaataca 1440
ctgatgatgt ggagattccc cagggggcat ccgctgggct tctcccaact cccaagccac 1500
ctcttcagaa tcacagagtc atttaaaggg gccccccacc tccccggagg tgcggcctag 1560
tcatcatact ggatctcggc ccgcagctcc ttggtgacgt agttcaccag catggccagc 1620
agctgctgct gcagggcctc gctgcccatg accagcgcag tcagctgcac ggcgccgctc 1680
cactccaggt gcctgatgat ggctgcggct tcgttaaaga gcctctgttg ctgggcaggg 1740
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aacagcccc cgacagcccc cccaacggcg agtcccggtg ggccgcccac caaacccccg 1860
acgaaggcca tggccctctg gaccagggca ccttcccag agtgcttgac agccgccttc 1920
atcttctct cccagaaaag ggagcacagc agcttcatga tgcctccac catgatagtc 1980
atcgtggcgg gcttgtgtga cttcagcctc tccatgcctc agtttctcca tagggacaat 2040
gactacacta acagtgtcca cccggcacc ggcagggcgg gctcccggca gggcggggac 2100
cctctcccc aaggactccc gggacgaaa 2129

```

<210> 5831

<211> 901

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (22)...(592)

<223> similar to gil055186 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5831



ggatgtcctg	ctagcgctgc	gatggcggag	gccgagttgc	gtattgacga	gctgggtccgg	60
gagtacctgc	tcttcgcggg	gttcacgcac	acactgcggc	agctggacgc	cgagatcaag	120
gcggaacaagg	agaaggggtt	ccgggtggat	aagattgtgg	accagctgca	gcagttaatg	180
caggtgtatg	acttggctgc	ccttcgggat	tattggagct	acttggagcg	tcggctcttc	240
agccgcttgg	aggatatata	cagaccaca	atccacaagc	tgaaaaccag	cctgtttcga	300
ttttatcttg	tctacacaat	ccagacaaac	agaaatgaca	aggetcagga	gttctttgca	360
aagcaggcca	cggaaactcca	aaaccaggct	gagtgggaagg	attggtttgt	cctgcccttc	420
ctgccatccc	cggacaccaa	ccccaccttt	gctacctact	tttctcgaca	gtgggctgac	480
accttcattg	tgccctgca	caacttcctg	agcgtcctgt	ttcagtgcac	gccagtcctc	540
gtgatectga	actttgatgc	ggagtgtcag	aggactaacc	aggttcaaga	agaaaatgaa	600
gttctgcgtc	agaagctttt	tgcattgcaa	gctgaaatcc	accgactgaa	gaaagaggag	660
caacagccag	aagaggaaga	ggccttgggtc	caacacaaat	tgccctcctta	tgtctccaac	720
atggaccgcc	tgggggactc	ggaacttgcc	atggtgtgca	gccaaaggaa	tgccctccctc	780
tcccagtcac	ttcgtgtggg	cttctgtgcc	tcgctgctgc	ctcagagtaa	gaagagcccc	840
tcaaggttgt	cgcttgctaa	ggcccttctt	cacctcagag	ctcgggccag	aaagaagcct	900
c						901

<210> 5832

<211> 2463

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (262)...(59)

<223> similar to gi2465334 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5832

cttccgaggc	gatcaggcag	catcagtcct	cagccgctaa	gccaagaagt	agtcagtcag	60
agagccttgg	gccagagttc	caggggctct	gggagtggtc	accaggtgag	ttgaacagtc	120
cgatttccag	tggagtctgg	atttgaaatt	ggtgagatgt	ttcttgggtt	ggtcggtatg	180
agtacatgag	gtcgtaggtg	gatctttctc	acggaccaa	gagcaggagg	acaggggatt	240
gatctccgaa	gggaggtccc	ccaatttgag	tctcggcacc	aaatttcacg	cacgtccatg	300
tgaagagacc	accaaacagg	ctttgtgtga	gcaacatggc	tgtttatttc	acctgggtgc	360
aggcaggctg	agtctgaaaa	gagagtcagc	gaaggagat	aagggtaggg	ccgttttata	420
ggatttgggt	aggtaaagga	aaattacagt	caaagggggt	taccogaagc	tcggcgcccg	480
tgatggtcta	gggggcttcc	gagggcatcg	ggcagtgcca	gtcttcagtc	gctaagccga	540
gaagatctgg	gaaggaattg	caactttttt	ttttattatt	gtacaccttg	aagggtgaggt	600
taattaagtc	ctggtgtggg	gtttgagggg	aacaggccct	tgaaaagaag	gtaatgtgga	660
gcgggtagcc	tccgtattga	ttaagaaggg	gacgggctta	ccttccactg	tgagagttac	720
cggaaagctg	gcgtccgtga	tgggtctacg	ggcttccgag	gcgatcgggc	agcatcagtc	780
ttcagccgct	aagccgagaa	ggagtcagtc	agagagcctt	gggccagagt	tccagggact	840
ctggagtggc	tgccaggtga	gttgaacagt	ccaatttcca	gtgggggtccc	gcacagatgg	900
gacacggctt	aggaggaatc	ctgggctgca	tgcattcctt	ggcctggtag	tcagatttct	960
ggcacttgta	gcaagctcct	gggggagaag	gttctggagt	aacgcctggc	cgctgcgggt	1020
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ttacctaac	aaactcctgc	aaaaccacac	cacctatgcc	tgtgatgggg	actatttgaa	1140
tctacagtgc	cctcggcatt	ctacgataag	tgtccaatcg	gcattttatg	ggcaagatta	1200
ccaaatgtgt	agttcccaga	agcctgcctc	ccagagggaa	gacagcttaa	cctgtgtggc	1260

agccaccacc	ttccagaagg	tgtcggacga	atgccagaac	cagcgggcct	gccacctcct	1320
ggtcaatagc	cgtgtttttg	gacctgacct	ttgtccagga	agcagtaa	acctcctggt	1380
ctcctttaaa	tgccaaccta	cttcagatga	attaaaaaac	aaaaccgtgt	gtgaagacca	1440
ggagctgaaa	ctgcactgcc	atgaatccaa	gttcctcaac	atctactctg	cgacctacgg	1500
caggaggacc	caggaaaggg	acatctgctc	ctccaaggca	gagcggctcc	cccctttcga	1560
ttgcttgtct	tactcagctt	tgcaagtcc	atcccgaagg	tgctatggga	agcagagatg	1620
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aagcggatcg	aaggttctga	ggaaagatgg	aattcttgtt	agcaactctc	tggcagcctt	1860
tgcttacatt	agagcccacc	cagagagagc	tgccctgctg	ttcgtgtcca	gtgtctgcat	1920
cggcctggcc	catcacactg	tgcgccctgg	tcatcagaga	gtcctgtgcc	aaggacttcc	1980
gcgacttgca	gcctggggag	ggagcagcct	ggtgccagga	agtgacaagg	tcgaggagga	2040
cagcgaggat	gaagaagagg	aggaggaccc	cctctgagtc	tgatttccca	ggggaactgt	2100
cggggttctg	taggacttca	tatcctatat	acagttccat	agaagctgca	gagctcgcag	2160
aaaggattga	gcgcagggag	caaatcattc	aggaaatatg	gatgaacagt	ggtttggaca	2220
cctcgctccc	aagaacatg	ggccagttct	actgaaaacc	acatgcatct	tgatgcgatc	2280
gcactttctg	aagaaggaag	gatcccaaat	gccccctccag	ttctgggttca	cctgtacctt	2340
ctatgaagga	gaattcgta	tgctattcaa	cactcgtgag	gccaggaagc	tattaaaggg	2400
atgtttcaag	ctgtttctag	cacattccaa	aataaatgag	gaggggaagag	tcaaaaaaaaa	2460
aaa						2463

<210> 5833

<211> 1403

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (27)...(1269)

<223> similar to gi4321845 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5833

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gagggagttc	gactggcgaa	ctggaaggcc	acgcctcctc	ccgcctgccc	cctcagccct	120
gtggctgggg	gcagagctca	gactgtcttc	tgaagattga	tgtctatttc	cttgagctct	180
ttaattttgt	tgccaatttg	gataaacatg	gcacaaatcc	agcagggagg	tccagatgaa	240
aaagaaaaga	ctaccgcact	gaaagattta	ttatctagga	tagatttgga	tgaactaatg	300
aaaaaagatg	aaccgcctct	tgattttcct	gataccctgg	aaggatttga	atatgctttt	360
aatgaaaagg	gacagttaag	acacataaaa	actggggaac	catttgtttt	taactaccgg	420
gaagatttac	acagatggaa	ccagaaaaga	tacgaggctc	taggagagat	catcacgaag	480
tatgtatatg	agctcctgga	aaaggattgt	aatttgaaaa	aagtatctat	tccagtagat	540
gccactgaga	gtgaaccaa	gagttttatc	tttatgagtg	aggatgcttt	gacaaatcca	600
cagaaactga	tggtttta	tcatggtagt	ggtgttgtca	gggcagggca	gtgggctaga	660
agacttatta	taaatgaaga	tctggacagt	ggcacacaga	taccgtttat	taaaagagct	720
gtggctgagg	gatatggagt	aatagtacta	aatcccaatg	aaaactatat	tgaagtagaa	780
aagccgaaga	tacacgtaca	gtcatcatct	gatagttcag	atgaaccagc	agaaaaacgg	840
gaaagaaaag	ataaagtttc	taaagaacaa	aagaagcgac	gtgatttcta	tgagaagtat	900
cgtaaccccc	aaagagaaaa	agaaatgatg	caattgtata	tcagagaaaa	tggttctcct	960

gaagaacatg	caatctatgt	ttgggatcat	ttcatagctc	aggetgctgc	tgagaatgtg	1020
tttttcgttg	ctcacagcta	tggaggactt	gcttttggtg	aactgatgat	tcaacgagaa	1080
gccgatgtaa	aaaataaggt	aactgctgtg	gcattgacag	actctgttca	caatgtgtgg	1140
catcaagaag	ctggcaaaac	gattcgagaa	tggatgagag	agaactgttg	taattgggtc	1200
tctagctcag	aaccattaga	cacatcagtg	gagtcacatgc	tacctgattg	cccccggtc	1260
tcagcaggca	ccgaccgtca	cgagctaact	tcctggaaga	gctttccgtc	tattttcaaa	1320
ttctttaccg	aagcctcaga	ggccaagacc	agctccctga	agccggctgt	gacgcgccgc	1380
tcccaccgca	tcaagcacga	atg				1403

<210> 5834

<211> 1791

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1534)...(479)

<223> similar to gi5139689 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5834

tttttttttt	ttgcaatact	gtaacgacag	cttattcttt	aataaaagtc	aggggtgtca	60
gcagcgtcac	tggtaagaca	tgatggcgct	ccacgactga	ccagcagcgc	tgggaaggga	120
cacgcagaac	ccaccttcca	accagcccca	acacatcaca	gaaatgcctg	ctcgtttggt	180
ttgattcata	tacaaagtta	caaagtattt	cctgccccaa	attcttaacg	aaaatgaaag	240
aaaaacccta	aaatgcggtg	gttttacaag	tattattagcc	cagaacatcc	tagggcagct	300
gcgcggggcg	cgggtgcggc	agggcgcagg	cgcaggcacc	gcagagcccc	ggccagcgcg	360
aaacggacgc	aggcgcattc	cccagccctc	cgtggcggtc	tcagcagcag	atcgcccagg	420
cctggcccgg	tcgggcttgg	tgttgccctc	gaagtcgaga	cgacgggtgt	gctcagttat	480
cttccgcctt	tccgcactat	ggtgggcagg	cgacactgct	gcggggcagg	cttaagggtcc	540
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tcttccattt	gttccagatc	caagcacgga	ctggcagcgt	ggggcttgag	taggacgcaca	660
gtctgaccac	tccccgaaag	ctttagtttg	ggcgagttcc	atgacatagg	ccggtcctcg	720
tctcttgga	cggctcctct	cttgctttag	ggactgtttc	tctgttcttg	gaagtagggg	780
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caggaggag	aggcattgtg	gggacaaatt	ggttggttagt	agaggtattc	ctgatccctt	900
tttaaaagga	aaatcaaaat	tcatagctct	cgactgtttg	aacttggtga	ggatcttctg	960
agcgggtgtg	ccgatgacat	cgtggatttt	tgagatttgg	tccagttcat	ttactccagg	1020
aaagaggggc	tgcagactgg	cgatctcgta	gaacacacag	ccggcgctcc	acagggtccat	1080
cttgtagctg	tagaaccat	cagtgaggag	acactccggg	gcccgggtacc	agcgggtgga	1140
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tttcaggaca	tcctttatta	gtatattttc	tggttttaca	tctctgtgaa	atattccatt	1260
tctgtgaata	tgatccaggg	acttacataa	ctggtacata	tagtgcataa	tttttttttc	1320
tgataatggg	tatcttctcc	ctcgtattag	ctcataaata	ttcatgtcca	taagttcaca	1380
tattagtga	agagaaccag	atcttctgtc	actttcaaag	cgtgtcttca	tttgtttaca	1440
tgcatagtag	tttccatctc	tcaggctttg	catcttcata	acttcagaaa	acgttccctc	1500
tcctattttg	ccaattgctt	tatagttctt	catcttggat	gcggaagccg	gtgacaaccc	1560
cttgccgaca	ctggacggaa	aagaaagaag	caggaaggtt	gtccccctgc	tttccacttc	1620
cctgaggcgg	ggtcccgcac	taggatctcc	gtggtggtcc	ctcgaaggag	agcgtagtag	1680
atcccgcgcg	catgttgtgt	ccctgtcacc	ctagcaaccg	tcaggccctg	aacgccacgc	1740

aatcgtctct ccggccttcc gtggccggtc cctcacgcat gcaatctatg g

1791

<210> 5835

<211> 3143

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3144)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (704)...(3143)

<223> similar to gi5852425 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5835

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cacacacggg	cgcacgcgcg	ggaacacaag	cacacacaca	gacacacaaa	gacacagaca	3060
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<210> 5836

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (234)...(486)

<223> similar to gi2145052 in the genepept database release 114;

Run with FASTXY 3.3t00, default parameters

<400> 5836

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gctatggcaa	ggaccgctcc	ggaagcctcc	tgtatttgca	tgacactctg	gaggacatta	840
agcggggcaa	taaaagccag	gac				863

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<220>
<221> misc_feature
<222> (1)...(1169)
<223> n = a,t,c or g
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<400>	5837						
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ttggc	agcccttgaa	actcagttca	aagctaggcc	tggctcccg	ccatggcccc		180
gcttc	acctgctgag	cgctctagga	agcctcccaa	atcccaagt	tcaggcccc		240
ccatc	acctctgcct	caaacagcca	agcccagggg	ctttggggcc	gcaggtatga		300
cctcc	agtagccaca	cctgtgtcag	ggctgtgccc	tggggcctgg	ccaacatccc		360
ccctt	gaaccatcag	gaactgggca	agacgccac	cagaggcttg	accacagggg		420
gcatcc	ccttctgagc	ctggggagacc	ctaggggagt	gggtagcctg	ggctggaccc		480
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cccag	gagtctgaga	cctcggcctt	ccctggactt	gttgggcaga	aaaaggcacc		600
acagga	tgagaaaacc	ggagggggcag	ccccacaaat	gagggcgctc	tgacctgtcc		660
attgcc	accccaccca	ggaacagccc	ctcaactgg	cacagccacc	aggaagcccc		720
tgctc	ccacaccaca	gcagtgcctt	cttctccatc	ccaccctcag	gacctacca		780
ctcca	ggcagccagg	ggccagctcc	aggacagggc	aggagaatgc	ggtccaggtc		840
cgtaa	ctgagggctg	gtatgtctca	gagaagtaag	gcaaattggc	cagatgacga		900
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gtcct	cagccttctg	cagacccagg	gcagcggcga	gttgctctac	atcatgtgct		1140
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```
<220>  
<221> misc feature
```

<222> (1)...(1346)  
<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1287)...(295)

<223> similar to gil263289 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5838

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<210> 5839

<211> 3101

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3102)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (791)...(1423)

<223> similar to gi4886481 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5839

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atcaccaaat	aaagccattt	actgctgagt	ttttatcgga	a		3101



<210> 5840  
 <211> 2829  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (217)...(1550)  
 <223> similar to gil707274 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5840

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aagtacgtca	atttcccttc	tgtccactgg	gggtggaatg	gggtagggtg	ggatacttta	1860
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ctggagtaat	aaccactgct	tcccctaact	gcctcaaaga	ctgtcatttt	atagaaaatt	2220
taagactatc	ctaateccact	ctttccaaac	tcccagccag	gatagagact	tccaggagtt	2280

ccacctgtcc	caccttatct	ggctgccaac	tctgtctcag	aaacagaacc	tgccacaccc	2340
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tgagccatga	ttgtgttacc	gcaccccagc	ctggacaaca	aagcaagact	ctgtctcaaa	2820
gcaaaaaaa						2829

<210> 5841

<211> 2320

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (337)...(1978)

<223> similar to gi915208 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5841

ggcttcaggc	tttcaccagt	tctcaggatg	cccataggga	tgggtgaagc	ctgcctggcc	60
tggtgtgctt	tccagtggcc	gtcattttat	tagggcccca	cagtggcatt	aggatgcacc	120
tctcggcggt	gttcaacgcc	ctcctggtgt	cgggtgctggc	agcggctctg	tggaagcatg	180
tgcggtgctg	tgagcatgca	gccacactgg	aggaggagct	ggccctcagc	cgacaggcca	240
cagagccagc	cccagcactg	aggatcgact	acccgaaggc	actgcagatc	ctgatggagg	300
gcggcacaca	catggtgtgc	acggggccgca	cgcacacaga	ccgcatctgc	cgcttcaagt	360
ggctctgcta	ctccaacgag	gctgaggagt	tcatcttctt	ccatggcaac	acctctgtca	420
tgctgcccaa	cctgggetcc	cggcgcttcc	agccagccct	gctcgacctc	tccaccgtgg	480
aggaccacaa	cactcagtac	ttcaacttcg	tggagctgcc	tgtgtgtgcc	ctgcgcttca	540
tgcccaagcc	ggtgttcgtg	ccagacgtgg	ccctcatcgc	caaccgcttc	aaccccgaca	600
acctcatgca	cgtctttcat	gacgacctgc	tgccactctt	ctacaccttg	cggcagtttc	660
ccggcctggc	ccacgaggca	cggctcttct	tcatggaggg	ctggggcgag	ggtgcacact	720
tcgacctcta	caagctgctc	agccccaagc	agcctctcct	gcgggcacag	ctgaagaccc	780
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agatccggca	gtttgcacgg	ttcatgacag	aaaagctgaa	cgtgagccac	acaggagtcc	960
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gcatgcatgg	ggcccagctg	gtcaccaccc	tcttctctgc	ccgtggggca	actgtggtag	1200
agctcttccc	atatgtgtgc	aatcccgacc	actacactcc	ctataagacg	ctggccatgc	1260
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attgggtggt	tcactctgct	ccatcccagt	gaaatttacc	tgtagcccag	tgaagggtgt	2280
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<210> 5842

<211> 4331

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4133)...(2522)

<223> similar to gil663704 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5842

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acccccgaag	agtaaggagg	ggaatgtaga	aattaagaag	ttatgtggaa	tactctttaa	180
attgtaatta	actacatttt	cttattttca	cagtaatata	aaacacagtc	acttgcagaa	240
ctggttcaga	ttacttaaat	accagatata	tttttagtcc	tctacataag	tgtttggggag	300
ttacttatgt	ttatatgaaa	tgaagctatt	aatacttttc	tactgaatat	ataatatgat	360
cccatttatt	taaaaaataa	agattacata	tttgcttata	tacgcataca	aattttctga	420
aaattacata	agaaattgtt	aatagattac	ctctggagaa	tagtactggg	gtaagagggtg	480
agggggcaga	attctcattt	tacagcctta	tatactgttg	tgaatttttt	tttttaccat	540
gtacttttta	aaaatacaaa	attgaggagg	gaacctccta	ctccaaaatt	acgaagcatt	600
cttttatgta	catttctcta	agagttatat	ttgatatttt	tcaaggcaaa	ctgacttgag	660
gtactcgatg	tttttaaatg	tatttctaata	aattattagt	agggtcacac	ctatttgaca	720
gcttttttaa	aaagtcacat	attgctgtat	ttttaaagat	gacaaacctt	tatttaaatg	780
agatgcttgc	tggagatttt	ctttttcaaa	ctcacttttt	aagttatgga	aataatatca	840
ctgctgaaag	tttgaaaaac	atatataagg	gtgccaaaaa	taccactaaa	atcacataaa	900
ccaatcttac	cattattaat	ggtgtgattt	ctttcttttac	atatctatta	atacctagta	960
ctatctatgt	agaaaatgtg	tttgcaaagc	tgagatcaca	ctgtacctat	agctctggat	1020
cctgctgctt	tttcccccaa	cacttaacag	atgctcagta	aacatgttaa	accaagttgt	1080
taattagtat	tgtaccattt	ctcctcatca	aaaattactt	ctatagaagg	catttagttg	1140
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aaaaatagaa	agtttgctct	gagaaaattt	cttcctccca	ttacaaaata	aagtcacagt	1440
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aacatcatta	gttttagcgg	ctccactaac	aaagacatac	ggataaagta	acatgtaagt	1560
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aaaactaaga	tcattccaat	ttaggggaaa	gtttttttat	tcagtgttta	agattaaaaa	2040
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acatctgttg	agtggaaatt	ccattccaag	tgttgttttc	atcttcacca	tcattcttgag	2580
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agatggagta	gacactgaac	tttctgactg	actgccattt	gctactgatg	tttcaacttt	3720
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agcgcgcacg	cccgtcagcg	gcacccggag	acgcgcgcga	gcgcgcgcga	gaacacctca	4260
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<210> 5843

<211> 2077

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (48)...(2079)  
 <223> similar to gi35483 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5843  
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 tccccgggcaa cgactccacg gcgtctcagg acgtggccaa ccgcttcgcc cgcaaagggg 120  
 cgctgaggca gaagaacgtg cagcaggtga aggaccacaa attcatcgcg cgcttcttca 180  
 agcagccac cttctgcagc cactgcaccg acttcatctg ggggtttggg aaacaaggct 240  
 tccagtcca agtttgcgtg tttgtggtcc acaagatggg gccatgaatt tgttactttt 300  
 tcttgtccgg ggtgcggata aggggacccg acacttgatg accccaggag gcaagccaca 360  
 aggttccaaa atccacactt tacggaagcc ccaccttctt gcgatcactt gtgggttcac 420  
 tgctctatgg acttatccat caagggatga aatgtgacac ctgcgatatg aacgttcaca 480  
 agcaatgcgt tcatcaatgt cccagcctc tgcggaatgg ttcacactga gaagaggggg 540  
 cggatttacc taaaggctga ggttgcgtga gaaaagctcc atgtcacagt acgagatgca 600  
 aaaaatctaa tccctatgga tccaaacggg ctttcagatc cttatgtgaa gctgaaactt 660  
 attcctgac ccaaggaatg aaagcaagca aaaaaccaa accatccgct ccacactaaa 720  
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 gtctgtagaa atctgggact gggatcgaac aacaaggaat gacttcatgg gatccctttc 840  
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 ctctgaagac aggaaacaac cttccaacaa ccttgaccga gtgaaactca cggacttcaa 1080  
 tttcctcatg gtgttgggaa aggggagttt tggaaagggt atgcttgccg acaggaaggg 1140  
 cacagaagaa ctgtatgcaa tcaaaatcct gaagaaggat gtggtgattc aggatgatga 1200  
 cgtggagtg accatggtag aaaagcgagt cttggccctg cttgacaaac ccccgttctt 1260  
 gacgcagctg cactcctgct tccagacagt ggatcggctg tacttcgtca tggaatatgt 1320  
 caacgggtgg gacctcatgt accacattca gcaagtagga aaatttaagg aaccacaagc 1380  
 agtattctat gcggcagaga tttccatcgg attgttcttt cttcataaaa gaggaatcat 1440  
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 tgactttggg atgtgcaagg aacacatgat ggatggagtc acgaccagga ccttctgtgg 1560  
 gactccagat tatatcgccc cagagataat cgcttatcag ccgtatggaa aatctgtgga 1620  
 ctggtgggccc tatggcgctc tggtgtatga aatgcttgcc gggcagcctc catttgatgg 1680  
 tgaagatgaa gacgagctat ttcagtcct catggagcac aacgtttcct atccaaaatc 1740  
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 gctgggctgt gggcctgagg gggagagggg cgtgagagag catgccttct tccggaggat 1860  
 cgactgggaa aaactggaga acagggagat ccagccacca ttcaagccca aagtgtgtgg 1920  
 caaaggagca gagaactttg acaagttctt cacacgagga cagcccgtct taacaccacc 1980  
 tgatcagctg gttattgcta acatagacca gtctgatttt gaagggttct cgtatgtcaa 2040  
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<210> 5844  
 <211> 2268  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(2269)  
 <223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (116)...(1880)

<223> similar to gi4877951 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5844

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gagtacttac	actaccagaa	gatcatccac	ccgtgacatc	aaaccttcca	acctcctggt	1080
cggagaagat	gggcacatca	agatcgctga	ctttggtgtg	agcaatgaat	tcaagggcag	1140
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tgagaccgc	aagatattct	ctgggaaggc	cttggatggt	tgggccatgg	gtgtgacact	1260
atactgcttt	gtctttggct	agtgtcccatt	catggacgag	cggatcatgt	gtttacacag	1320
taagatcaag	agtcaggccc	tggaaatttc	agaccagccc	gacatagctg	aggacttgaa	1380
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accaaccagg	gaatgtgagt	ccctgtctga	gctcaagacc	tagaaaataa	gtccccttcc	1740
tgctgtttgc	aaagtaacgt	aagagttccc	tcacccgagt	ggatgcagac	cttcttgctg	1800
tcagccaccc	ttccttcata	cacatagcca	gcccagggtga	ccagaacctc	ccaggacaga	1860
tgaggctttg	tgtccttatg	agactgggag	aacctgctgg	gcacccctgc	tgcagggtgct	1920
gtggtgggtg	gggacccccc	tgccttccc	actgagcaca	tcgtggctac	ctgacttggt	1980
gggagctcca	ggcagtcact	tctgtttctt	aaacatagct	ttactgaggt	acaattcaca	2040
taccatgtaa	ttcaccacag	ggaagtgtat	gattcagtg	tttctaatac	agacttctgc	2100
agccattacc	accatcaact	ttacgacatt	ttcatcagcc	caagaagaca	ccctacactc	2160
cttagctgtc	cccattcaac	tccccacccc	cagtaaccac	tcagaatagg	tatggatttg	2220
cctattctgg	acgtttcgtg	taaatggcgt	catacactaa	aaaaaaaa		2268

<210> 5845  
 <211> 2363  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2364)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2198)...(915)  
 <223> similar to gi35435 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5845

actataccga	gagactgaag	aagtggaaat	atatgtggaa	cagagccttc	ctccatggta	60
tgaaatagat	ttccttttaa	aaataaaaaa	aaaagaagt	aacaatataa	gcataattact	120
tagaaacatg	gaggtatata	cctgaaaaac	tcaagagttg	aaagtggta	cctctgggga	180
gtgggaatct	tgaaatggag	gaatgggctg	gggctttttt	gttataagcc	ttgacttttt	240
aaattatgat	catgtgtaac	tgataaaaaa	aaaagttaga	ataaaagccc	tagcacaatg	300
tctgccataa	agtaggcctt	tgataaaaga	tggacattta	tctaattgtc	ccatctctcc	360
acggctgctg	ccccactttt	tgcattcagc	aatatagaca	tttgatccgt	tcctcaagat	420
tctattctcc	cccttcctaa	caaagtatgg	caggaaaaaa	aaaaaatcac	ggtttcaatg	480
gacactttta	ttgtttactt	aatggatcat	caattttgtc	tcactaccta	caaattggaat	540
ttcatcttgt	ttccatgctg	agtagtgaaa	cagtgcacaa	gctaatacata	ataacctaca	600
tcaaaagaga	actaagctaa	cactgctcac	tttcttttta	acaggcaaaa	tataaatata	660
tgactcttag	aatgcacaat	ggtttagtca	ctaaaaaatt	caaattgggat	cttgaagaat	720
gtatgcaaat	ccagggtgca	gtgaagatga	gctgagatgc	tgtgcaactg	tttaaggggt	780
cctggcactg	catctcttgg	ccactagctg	aatcttgaca	tgggaagggtt	tagctaattgc	840
caagtggaga	tgcagaaaat	gctaagttga	cttaggggct	gtgcacagga	actaaaaggc	900
aggaaagtac	taaatattgc	tgagagcate	caccccagtg	aaggacgttt	acacttcaag	960
gagctccaaa	actgggcacc	acccccccag	tgactcaaca	tggtctggact	tttatccctc	1020
ggtgttccca	tttgggcaac	agccaagtgg	gcaggtgtct	ccaaccaacc	tatgatgggtg	1080
atggcaagcc	ccctagaagt	ggatntgctt	tcacccacct	catccatgag	agctttgggt	1140
ccccggggca	aaagcttccc	attcaaatac	ccccacagga	ccattccaca	caatctgctt	1200
agcccagatg	acagcctcag	catacttctt	gctgctttca	ggaccacagt	ccaagcccat	1260
ccagccagca	ggtatgccag	aagccacagt	ggcttggcca	gtcttggcat	tctcatcaaa	1320
cttgtcagca	gtgacaaaat	caacaggcaa	ggtaattctt	acaccattct	tctcagcttt	1380
ggacattagg	tctttgacaa	tcttggctcc	ctcttcatca	aacagagaag	tgccaatctc	1440
catgttggtg	agcaccttaa	ggaaggtaaa	agccattcca	ccaccaataa	tcatctcatt	1500
gactttgtcc	agcatattat	tgatgagctg	gatcttgtct	gcaactttag	ctccgcccag	1560
gatggccagg	aagggtcgct	ctgggctctc	caaggccttt	gcaaagtagt	tcagctcctt	1620
cttcatcaaa	aaccaccag	ccttctgtgg	cagattgact	cctaccatgg	agctgtgggc	1680
tctgtgagca	gtgccaaaag	catcattgac	atagacatcc	cctagcttgg	aaagtgaagc	1740
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tgggttgcca	caggctttct	ccacttctgg	gcctacacag	tccttcaaga	acagaacatc	1920
cttgcccagc	agagatttga	gttctacagc	aactggctct	aaggagtact	tgtcaggcat	1980
gggcacacca	tcaggccggc	ctaggtggct	cataaggact	accgacttgg	ctccattgtc	2040
caagcagaat	ttgatgcttg	ggacagcagc	cttaatcctc	tggttggttg	ttatctgggt	2100
gttcttcata	ggaacattga	agtcgactct	cataacgacc	cgcttccctt	taacgtccag	2160
cttgtccagc	gtcagcttgt	tagaaagcga	cattttggaa	atacagctgg	ggagagaggt	2220

cggtgattcg	gtcaacgagg	gagccgactg	ccgacgtgcg	ctccggaggc	ttgcagaatg	2280
cggaacaccg	cgcgggccct	cgtgccaaagc	ttggcggtgc	natgtcagan	ggctatcaat	2340
nagggtttca	attggggacg	tcc				2363

<210> 5846

<211> 3182

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1123)...(2418)

<223> similar to gi5305335 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5846

cacgtttctg	tatgtcttag	gccagtatcc	caaacctctt	ccacgtcact	gttctttcca	60
cccattctcc	ctttgcatct	tgagcagtta	tccaactagg	atctgccaaag	tggatactgg	120
ggtgccactc	ccctgagaaa	agactgagcc	aggaactaca	agctcccccc	acattcctcc	180
cagcctccct	cactctccat	gctggcagag	caggagggag	actgaagtaa	gagatggcag	240
agggagatgg	tggcaaaaag	gtttagatgc	aggagaacag	taagatggat	ggttccgggc	300
cagagtgcgt	gtggggagga	acagagggct	gaaggagag	ggggctgact	gttccattct	360
agctttggca	caaagcagca	gaaaggggga	aaagccaata	gaaatttctt	tagcttcccc	420
accatatgta	ttttctagga	tttgagagga	aagagaggaa	aatgggggaa	tgggttgcaa	480
aatagaaatg	agcttaatcc	aggccgcaga	gccagggaag	gtgagtaact	ttaggagggt	540
gctagacttt	agaagccaga	taggaagaat	cagtctaaac	tggccatgct	ttggaaggga	600
caagactatg	tgctccgctg	cccaccttca	gcctgcaatg	agggactgag	gcccacgagt	660
ctttccagct	cttctcccat	tctggccagt	ccctgcatcc	tccctggggg	ggaggatgga	720
aggaaagctg	ggacaagcag	ggaacgcagt	attcagggat	gctgtcactc	ggcagccaga	780
ttccgaaact	cccattctcc	aatgacttcc	tcaaccaatg	ggtggccttg	tgactgttct	840
ttaaggctga	agatatccag	gaaagggggc	ttggacactg	gccaaggaga	ccccttcgtg	900
ctgtggacac	agctctcttc	actctttgct	catggcatga	cacagcggag	accgcctcca	960
acaacgaatt	tggggctacg	aagaggaata	gcgaaaaagc	aaatctgttt	caactgatgg	1020
gaaccctata	gctatagaac	ttgggggcta	tctcctatgc	ccctggacag	gacagttggc	1080
tggggacagg	agaagtgtc	aatcttcatg	agacaaaagg	gcccgatagg	gccagcagcc	1140
acaaggcctt	gacctgccga	gtcagcatgc	cccattctct	tgcacagctg	tcccctaaac	1200
ccaactcacg	ttctctgtatg	tcttaggcca	gtatcccaaa	cctcttccac	gtcactgttc	1260
tttccaccca	ttctcccttt	gcattctgag	cagttatcca	actaggatct	gccaagtgga	1320
tactgggggtg	ccactccctt	gagaaaagac	tgagccagga	actacaagct	ccccccacat	1380
tcctcccagc	ctggacctaa	ttcttgagag	gggctctctc	ttcacggact	gtgtctggac	1440
tttgagcagg	cttctgcccc	ttgcgttggc	tctttgctgc	cagccatcag	gtgggggatt	1500
agagcctggt	gtaagtgcgc	cagactcttc	cggtttccaa	agttcgtgcc	tgcgaaacca	1560
aacctgtgag	tctcttctgc	atgcaggagt	ttctcctggg	cagctggtca	ctccccagag	1620
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ggtctctttg	actccaggct	ggcctttggc	cgactgtctg	ctcaccacaga	gaccttggac	1860
tccggactat	ccatggctcc	gaatctaagt	gctgccact	cccatgctca	caccacacaga	1920
aggtcttccc	atccccctta	gattcgtgcc	tactccacc	agtgaggaag	atgcctctgt	1980
ctttcccacg	actgccagga	gatagggaag	cccagccagg	actgaccctc	cttctccag	2040



cctgcctga	cccacctggc	aaagcagggc	acatggggag	gaagagactg	gaacctttct	2100
ttgacagcca	ggcctagaca	gacaggcctg	gggacactgg	ccccatgagg	ggaggaaggc	2160
aggcgacga	ggtccaggga	ggcccttttc	tgatcatgcc	ccttctctcc	caccccatct	2220
ccccaccacc	acctctgtgg	cctccatggt	acccccacag	ggctggcctc	ccctagaggg	2280
tgggcctcaa	ccacctgctc	ccgccacgca	ccggttagtg	agacagggct	gccacggcaa	2340
ccgccaagcc	cccccaagg	tgggacagta	ccccggaccc	atccactcac	tcctgagagg	2400
gctccggccc	agaatgggaa	cctcagagaa	gagctctaag	gagaagaaac	cccatagcgt	2460
cagagaggat	atgtctggct	tccaagagaa	aggaggctcc	gttttgcaaa	gtggaggagg	2520
gacgagggac	aggggtttca	ccagccagca	acctgggcct	tgtactgtct	gtgtttttaa	2580
aaccactaaa	gtgcaagaat	tacattgcac	tgtttctcca	ctttttatct	tctcttaggc	2640
ttttgtttct	atttcaaaaa	tactttcttg	gttttctaata	ggagtatata	gttttagtcat	2700
ttcacagact	ctggcctcct	ctcctgaaat	ccttttggat	ggggaaaggg	aagggtgggga	2760
gggtccgagg	ggaaggggac	cccagcttcc	ctgtgcccgc	tcacccact	ccaccagtcc	2820
ccggtcgcca	gccggagctc	cctctctacc	gccactgtca	caccgtagcc	cacatggata	2880
gcacagttgt	cagacaagat	tccttcagat	tcogagttgc	ctaccggttg	ttttcgttgt	2940
tgttgttgtt	gtttttcttt	ttcttttttt	ttttgaaaac	agcaataccc	acagtacata	3000
ttactgtagt	tctctatagt	ttaacatata	ttcataccat	aactctgttc	tctcctcttt	3060
tttgttttca	actttaaaaa	caaaaataaa	cgatgataat	ctttactggg	gaaaaggatg	3120
gaaaaataaa	tcaacaaatg	caaccagttt	gtgagaaaaa	aaaaaaaaacc	ccaaaaaaaaa	3180
aa						3182

<210> 5847

<211> 869

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (776)...(29)

<223> similar to gi5824504 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5847

tggttcaagc	tgaggccgag	tggggacgac	gtggagctga	ttggagaaga	ggaagatgtg	60
agtgtttacg	acattgctga	ccaccctgac	tttaggttcc	gtacaactga	catcgtcatc	120
cgcacccgca	atactgagga	tggggctcct	cacaaggagg	atgagccatc	ggtgggccag	180
gtggcccgtg	tggacgtcag	cagcaagggt	gaggtggtgt	gggctgacaa	ctcaaagacc	240
atcatcctgc	cccagcactt	gtacaacata	gagtcctgaa	ttgaggagtc	agactacgat	300
tcggtagaag	gcagcaccag	cggggcatcc	tcggatgaat	gggaagatga	tagtgacagc	360
tgggagacgg	acaatgggct	ggtggaggac	gagcacccca	agatagagga	gccccccatc	420
ccacccttgg	agcagccggt	ggcccttgag	gacaagggag	tggtgatcag	tgaagaggca	480
gccacagctg	ccgtccaggg	ggctgtggcc	atggctgccc	ccatggccgg	gctgatggag	540
aaggctggca	aggacggggc	acccaagagc	ttccgggagt	tgaaagaggc	catcaagatc	600
ctggagagcc	tcaagaacat	gactgtggag	cagctgctga	cgggctcgcc	cacctctccg	660
actgtggagc	ctgagaagcc	aactcgggag	aagaagtttc	tggatgacat	caagaagcta	720
caggaaaacc	tcaagaagac	cctggacaat	gtggccattg	tagaggagga	gaagatggaa	780
gcagtgcctg	acgtagagcg	caaggaggac	aagcccaggg	ggcagtcacc	tgtgaaggct	840
gagtggccca	gcgaaacccc	ggtgctgtg				869

<210> 5848  
 <211> 1766  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1708)...(1264)  
 <223> similar to gi31973 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5848

ttcagtc	caa	tccagtg	atc	agagctg	cat	ttatcccg	cc	taagaaa	att	catttct	tttt	60
atgttg	tcaa	ttatag	ttag	gtcggc	atgt	tagttgc	atc	agttgt	tttt	ttttt	ttta	120
aaaaaaaa	aac	aatcct	ttta	taaaatt	agtg	ccatctaa	aaa	ctcccca	aatg	cctaagg	ttc	180
tagtcg	tggga	agggtta	gct	gcagaatt	ccc	agttcaga	aag	ccaacgg	agg	ctcagt	ccag	240
acaggg	atta	accgact	tgt	gctggtat	ct	agggtg	cttg	attgccg	agtg	tgagtt	gct	300
ggaagg	gaaa	tggggc	ggcg	tcgggggg	cc	cgacagg	cct	ggctgcc	agtg	cggctt	cgc	360
gaaaac	gact	cttgctg	tcc	acatagcc	ag	ccgtga	aagcc	aaactgc	agtg	cctctg	ccct	420
cccctaa	atg	tcctcct	agtg	aggcagtc	ac	tcgggag	gaa	gatgtgc	ctg	ttacca	agtg	480
cttcgt	ccccg	gccccag	cgc	agacctat	ga	atgaagat	gg	agggagag	ct	gatgtg	aaag	540
gcctgg	gtcc	cggccgc	gaga	aggggcg	ccca	gaccgaa	atc	ggcgatc	gcg	tctctcc	ccac	600
caaagc	ctcc	cggccag	cggg	ccgcgt	ctga	aaagtcc	ggg	ctaagca	acca	cgcgcgg	ggg	660
gtaccag	aca	ccccgg	ctgc	agctgcc	ag	ggcctcac	tc	accttgc	agtg	gccgcgg	gcc	720
tgctcg	ggcg	ctgggac	tgc	gcacgct	cgg	ccctgcg	tca	gagcgag	gaa	gaaaaag	ggc	780
aagatct	tcc	agaaggt	gct	gcggcct	ccc	cgcacgc	ccc	cttgagg	cga	ctcggg	atgg	840
ggcggc	ttga	gtcacga	acg	ccgaggc	ggg	gcaggg	tgcg	gcgcgg	cgc	gcctg	cccc	900
cggcag	gtc	gggtct	tcc	gcgccac	gga	ggtcacc	cga	agagcgc	cgc	aagccgc	atc	960
cggaagg	ccc	gaaccct	acc	ggagggg	cgg	acggcgg	gaca	gggcaag	ggc	ccgagc	ccga	1020
cgcggc	aggg	ggtgcgg	ggac	gggagcg	gtg	gcgggcg	ggg	actcgag	ggc	cgggcg	gga	1080
aggcgg	cga	ggggag	ggga	ggggaag	ggg	aagccgc	ggc	cccgtt	gccc	cggcag	tct	1140
gaagcgg	ctc	agctct	ttcc	atgaagg	ccg	gtggggc	cccc	tttaaag	ggg	ctttgt	ggtg	1200
gcatggg	gag	gcctggc	ggc	cgggcgc	ggc	ccgggc	ccctc	ttagtac	tcc	ttgcgg	aagc	1260
cttggt	tgcc	ctttct	tctgc	cgccccg	aag	ggcgcct	cgg	ccccaac	ggg	ggcgtag	tc	1320
tatctt	gggc	agcagc	acgg	gcctgg	atg	gttgggc	cagg	gacgcct	ttc	cctggg	caat	1380
tcgtca	aggc	agcccag	gaa	gctttta	gag	ctccctc	gtc	gttgcg	gatt	ggccag	cttg	1440
caggtg	gctg	gggatg	att	cgcgtct	tct	tgttggt	gccc	gcggccg	cat	tgcccgg	cgc	1500
gtccagg	ag	tctcag	ctgg	tgaggtac	tc	catgcac	tag	ccgcca	aaggt	agcagc	atgg	1560
cctgcc	ggcg	ccaacgc	gct	cggcgtag	tg	gcccttc	cgc	agcagc	cggt	gtacac	ggcc	1620
cactggg	aac	tcgacgg	ccc	gcgcgcg	acg	agcgcg	actt	ggcctt	ggcg	cgggcct	tgc	1680
cgccagt	ctt	gccgcgg	ccc	gacatg	ctag	cgaggtag	ac	cgggtga	agca	cgacgg	ctca	1740
aacactag	aa	cagacgc	cca	ccgcag								1766

<210> 5849  
 <211> 1647  
 <212> DNA  
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (377)...(1255)
<223> similar to gi190510 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5849
gcttcactga agttctcctt ggtcctgatt cttggcctcc tcccaccaga acgtgagctc      60
cttgtgggag gcagtgcccc tcccagcctc ctccctgtca cagactgtgt ggggggccacc      120
caggggctga atggaccagg gggtcagcag ggagagtgtt aagtgggtggc ggggggacctg      180
tggcagaggc cttgtgacag tgaggggttg gggctgggtcc agagagatga tgtgatcccc      240
aggagaagcc acaggggacc atgacatggg cgccaccagc ttccaggatga acgtggacct      300
atcgaaagcc agcttcaggg caggacactg tcctttctgg aggggatggc cccacccac      360
agacaaggca ggcccagaca actctacccc actgcctaga agtgcggggc cccagagcca      420
gggtagacct cctgagtcag gagcccgggc acagaactga gcacctgcac tgcaggccca      480
gggcccgggt ccctggagaa ggagaaagac tgaagccact gcctacctcc tgcccacaac      540
agactgcagg ccattttggt gacacaggac aagcagcaca tgtgtcgaac actgccgagc      600
ccgcaggcac gcctgcaccc cacagccacg agcctgtgag gctcaggcat gtgacctgca      660
ggagctggag gcggggcgga aggcagggtg gggcctctcc ctggctggag cagggagctc      720
caggagacct caggacggcc cccaccgggt gggtaaggac cctgtttccc aatttgcccc      780
caaggcctaa tggaccaccc gggcttaggg agtcctcact cagaggagag gagcccaccc      840
ctcccaggac acctggctga gccggaacag cagcgcaggg gagctgtgac agcagagagc      900
agcaccaggt cacacaagca gccgccccgg aaggacacgg cccatgggtga cagaggacaa      960
gcagcatgcg tgtgtcagac actggcctgg cctgtggaca cgcccgcgtc ccacagccat     1020
gacctgcga ggccaggaga gactgctcca gggcacatga cctgtggtag ctggaagtgg     1080
ggcagggagg cgcagccaca ctctgtctct ggtccgaggg agatctcagg aaaccgactg     1140
ggaaatcacc cccacaggg acccccaccc ctcccagcct cactgcgccc cgtcaggcca     1200
ggcagctgcc ctcaggggtc gccaaagggt gggtaagggt ccatgggggc aggtagctct     1260
gcctgcaaag ccacaagca tgtcagatca cctgggctgc agacagacaa acacctgagc     1320
tgtttctgaat accttcaggt tcctggcctc gctgagcaag tgcagaaatt ttaccttca     1380
aggatcaggg tttttctggt tggttgtttt ttaacacaca catatgtgaa caaagagtat     1440
gcgtttgtac tggcagaaga agcgtctggt aagacaacca gcaagttaac aatggtcacc     1500
tccagaaatg ggctgggtaa accaaagaat ttttttgttt ttgttttttt tgagtcaggg     1560
tctagctctg tcaccaggc tggaaacgac tgggtgtgat acggctcact gcagccttga     1620
cctccctggc tcaagcaatc ctcccag                                     1647

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<210> 5850
<211> 1544
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1108)...(209)
<223> similar to gi2660716 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 5850
tttttttttt ttcccttcca catttcgtat taaataacctg aaatatatta atcttaaaaa 60
acaatatcga tacagtactc aatggataga ggcagtggag tgaacaagaa gcccagattg 120
caaaatcgta ggtcataaaa aaactggagt gcgcgtgctg caggttccag gcacgcgaga 180
aaaagcaacg cgaaagcttt cagtctcgga ggaggttttc gggcttggg tagccgaaga 240
gaacaaagtc ggcctcgtag agtttataca gctgctgcct ccaggccagg gggatccttg 300
cgaaccagtc ctccctccag ctgctgggag gtctgttcc cggtagctcg gggggaagcg 360
gagctgccag gtccacctgg agtagctgca gcagctgcgc ggcgtcctcg tccagagtct 420
ccagcttccc cacgaagtcg tagtcgatct gccacgggtg gcagaggcgg tacacctgcc 480
gccagtgttc gttgaaggcg gccagcttct ccgtgtgcgg gtccagcagg tactggatga 540
agttggcgaa ggacaccttg aggccagcgc ggaaggcctc gcgcgccgag gcgggcaggc 600
tgggtgtggtt ggcgtacagc cgcagcatgg gcacggcgaa cttgcggtag aactcctcgt 660
tctccagctc gaacttgctg cggaaggcgg agatcaggcg cacgaagggg tcgcgcacga 720
agaggaactt ggtgtacttc ttgagcttga ccttcatgag gtggcgggag agcttcccgt 780
agcggcgcca gaacttggtg aaggtcaggt gcgcgtggc gttgtgcacg tgctcgcgcg 840
ggatgcgcag cgggtcgcgg tagggcgcac gcggtgcag caggcttccg ctcagcacga 900
tcatcacgcg ctccagttg gtgcaggcca cttgggcac gtagcagtag atggccccgt 960
gccggtcgtc cacgatcagg tggctcagct ccgagttggg gatgtcgtcg aatgggcgct 1020
ccttggtggg gaaggccagg ctggagttgg cgcagaagcc ccgcagcacg ctccctccgt 1080
ccgcctgctg ccggccctgg tctgggctgc gccgggctc gcgcggggac cagtctagc 1140
ctctcacgct ctccctccatg ctccccggcg caggcggtg ctccgtctcc tttctgggaa 1200
ggtcgctctg ctccagcca gcactgagaa acttgtccag aaactcgtcg acatcgaggt 1260
cggcgtgag ctccctgtcc ctgtccggcc cggcggtggg cagcggcggc cccgtgtgcg 1320
gcctagagaa ggacgtgtgc aagtagaagt gcgcggcgcc tgcgtgtcc cagtacacga 1380
tgatcagcag gatcatgaac accgacccca gcaccagcca cagccggaac agccgggcct 1440
tggtcacct gccccgggag ggctggggcc tctccgggcc tctcacttca gttctctgca 1500
gagccggggc atcctgctgg gaacctcgcg ccctcacct cgcg 1544

```

```

<210> 5851
<211> 1598
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1599)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (160)...(1117)
<223> similar to gi1334643 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 5851
tgaaagaaac agtgcagttt tgttgctcac agggaccctg cccacacac tggagagact 60
ttgaagggtt gggttctgcc cattccacct ggggaatatt ctgggcccag cctaaaaagt 120
tctgttgggg ccctaaggcc tggggcaggc tcttgggggc tgtggagccc gaggagccag 180
gcagagcggg gtccttgggg gccaaagcca tgcgtcggat gctgtcctgg tacttgcggc 240

```

ggccgagctc	caagactgcg	cgcacctctt	cagccacgtc	ctgccggtca	ctctgctcca	300
gggcctgcac	caggaagccc	cacagcccct	ggctgcccag	cctggcgctc	agcccaggag	360
aagagcatgt	gacggatctg	ctcatccaga	tcatcccga	actcgtgccg	gatgcgctgc	420
acctcccggg	aggacacccc	caggtgcagg	gccacggctg	gccagtccag	acccagacgc	480
ccagccacac	tcagcaggtt	gctctgcgtc	agaaagccgg	tctcggcatc	tcccagattc	540
aaggggtcca	aggagaggcc	agccccccgc	cgtggcccct	cggaccctcg	aagtctcggc	600
agcttgatgg	gcagagtggc	catccacagg	gcgtctgcgc	ccttcctctg	ccgggcagcc	660
tcagcctcct	cgggcacccg	cacaggcacc	gcgccacggt	agaaggacac	ctccttcaca	720
ttcttcagg	gcgagtagaa	gacaaagcag	attctgccct	ccacacagtc	agggcggtca	780
gcateccag	cgatgccg	ctcgaaggcc	gcaaagaact	cttcgccctc	gaacatctcc	840
accgtgtcag	agggctcggg	gccccggtag	cgctccagca	gccgccgaag	ggtggcgctcc	900
cccttgtttc	ggggcaggca	ctgcagcagg	acctgctcag	ggtcccggcg	ccgctgcaga	960
gcgatgaggt	tcacacggtg	cagccgcagc	cgctcccagg	ccttccgagc	caggcctccc	1020
acacagttct	tggtggtgta	ccagagccag	taccaggaga	agtgtgtgac	ctggaagcgt	1080
gcgtacaggt	gggtgagctc	caggaccacc	tgagctgtga	tgtcatccca	ggtggctgca	1140
ggagggggccc	agtacaacag	gtgcaggcgg	gagcgggtcca	gactgaggcc	tgtgatgcca	1200
gagggcagag	gcagctgcac	ggtgaccggt	tggaggaagc	tggggggacc	gctctgtgac	1260
aggcacagca	gggggctcac	tgcagcctct	ggttctccca	ggagggcctg	cagctctcgg	1320
ccagccatgc	gcaccacctg	catggagact	cgacgaggct	cctcagtggc	cccagggggg	1380
aagatgactt	tgaccccagg	atgacccgag	gagcacagca	gtgtcccctc	cgggtggcacc	1440
aggcaggcat	tggacacagg	gcgggaaacc	acaaggaacc	aggagaagtg	gggcacctgg	1500
cagtgagccc	agagccgctg	gggtgcctct	tcctccaggt	aggtctccag	gtcaccccag	1560
ctgttgctga	agtcnccgc	gagggctatc	atctcagt			1598

<210> 5852

<211> 1040

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (820)...(40)

<223> similar to gi200549 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5852

ggaattcctg	tgctcatggc	ctgcatgacg	ctgctgcccc	cctgggtggg	aggcgctccc	60
ccaggccctc	cgggccccga	catctcctcg	ccctgcggtc	cctataacct	ccactcccag	120
ggcctggtca	cctttgccac	ccagctcttc	aacttgcctc	cgggtgaggg	ttacctggaa	180
tggtcccctc	tcttctatgg	cttctacccg	ccccgcccac	gcctggcggt	cacctacctg	240
tgctgggctt	ttgccgttgg	cctcatctgc	ctcctgctca	tcttgcacgc	ctcgggtgtct	300
gggctgaagc	agacactgct	ggcggagtcc	gaggctctga	ccagctacag	ccaccgggtg	360
ttctcggcct	gggacttcgg	tctctgcggg	gacgtccacg	tgcggctgcg	ccagcgcac	420
atcttgtagc	aattaaaggt	ggagctggag	gagacagtgg	tgcggcgcca	ggctgcgggtg	480
cggacgctgg	gccagcaagc	cagggtttgg	ttggtgcggg	tgtgctcaa	cctgctgggtg	540
gtcgcgctcc	tgggggcagc	cttctatggc	gtctactggg	ctacgggggtg	caccgtggag	600
ctgcaggaga	tgccccttgt	ccaggagttg	ccactgctga	agcttgggggt	gaattacctt	660
ccgtccatct	tcctcgtctg	ggtcaatttt	gtgctgcgcg	ccgtgttcaa	gtcatttgct	720
ccactggagg	gctacactcg	gagtcgccag	atcgttttta	tcctgctcag	gttccagcct	780
cacggggatg	gctgggaatg	atgaagggtg	ggggcggtca	gagggatggt	ggcgctgaca	840

ggtaagacac	ggaaatcctg	ctgataccga	atccagggat	tcaaatcctg	actctgttgg	900
ccaggtgcag	tggtcacac	ctgtaatccc	agcactttgg	gaggccgagg	ctgaggtcag	960
gagttcgaga	ccagcctgac	aaacatgatg	aaaccccgtc	tgtagtaaaa	atacgaatat	1020
tagccccgcc	gtagtggtt					1040

<210> 5853  
 <211> 1086  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (862)...(497)  
 <223> similar to gil911774 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5853						
tttttttttt	ttcaattaaa	gatttgattt	attcaagtat	gtgaaaacat	tctacaatgg	60
aaactcttat	tagatgctgc	atgtactgtg	ctatggacca	cgcacataca	gccatgctgt	120
ttcagaagac	ttgaaatgcc	attgatagtt	taaaaactct	acacccgatg	gagaatcgag	180
gaagacaatt	taatgtttca	tctgaatcca	gaggtgcata	aaattaaatg	acagctccac	240
ttggcaaata	atagctgtta	cttgatggta	tccaagaaga	aatggttggg	gatggataaa	300
ttcagaaatg	cttccccaaa	ggtgggtggg	ttttaaaaag	tttcagggtca	caacccttgc	360
agaaaacact	gatgcccaac	acactgattc	gcggtccagg	aaacacgggt	cttccaagtt	420
ccaaggggct	ggggttcccc	aacgatcaag	ttctgtgtct	gtaatcaaga	gggtcctttg	480
gactggatag	ggagcacttg	ggagctgtac	accatcagtc	ataatggatg	gcagtgtaaa	540
agatgatcca	aatgaccatg	aacaaggcaa	aagaggtcat	aaacccttcc	ttcgtgagct	600
cccacgtgcc	accatattct	tcctcatcaa	tctgtaggta	attgctgaag	tagagggtaca	660
ggactcctgc	attgatcagg	cagaatcctg	ctattcccaa	gaaccctcgt	aatggcaaaa	720
ctccccaaat	gacacccagg	accacagcaa	tgatctgtcg	gaaccagtag	atcacatcta	780
aaaattcatc	cttatectcc	caggccgcgt	cgctccgcag	caccttactc	cagacggaga	840
ctttgagggc	cccgttggcc	agctgcggct	gaggcggtct	ctccttcgcg	cgcccgccgc	900
tcatectccc	gtcgccgcgc	ccgggcccgg	cctggggcgc	gcgggctgag	ccaaagggta	960
gtcgggggtc	agggtcgag	gtcacggcgc	ggggcggtct	caggctcagc	ggccccgtcc	1020
tgcggggcgt	gcggttcctc	acaacctggc	caagctaccc	ggttgccgcc	ggctctacag	1080
agcagg						1086

<210> 5854  
 <211> 701  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (667)...(663)  
 <223> similar to gil345536 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 5854
ggaattcaag acgccaagat ggcgacgagt cagtatttcg acttcgcgca gggcggcggc 60
ccgcagtaca gcacctcctt ggaggacggg acttttgtct ggttattccc cgctgctgtg 120
acagcgccca tgacagcagc tggccccac tggcaccag gaagtattta tccaatgact 180
caatgaatct gccgcccgat cggccgggac tgctttcact ttctgtcagt ccagaagtgg 240
agaccactcc cccggccctt gcctctgggc ttcttgtgc cctgccttgg acagtggct 300
gcagtggaag tgacgtgtg actgccctgt gccaagctt aagaggcctt gcctgcatct 360
gctccatctt atgggaccct gcctggtgaa ggacccaagg ctggcctgct ggaggaggag 420
atataaggag aagagtcaca gtgccccatc caacaggtag ctgccctcca ggggcagaga 480
agcccagcca tggtcaggag agccaccag ctgaggccca cctccaccag gattgccacc 540
cagctgaacc ccacctcagc caggagagcc acccagctga gccccatctg gccaggagag 600
ccatccagct gagccccacc tctgccagga ttgccacca gctgagcccc gccttggcca 660
ggagagccac ccagctgagc cccgccttgg ccagaaaaag g 701
```

<210> 5855

<211> 427

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (210)...(5)

<223> similar to gi3319905 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 5855
ggatattggc ccctcactgc agctgccaac acttggtcag tcactctcag ccatagcact 60
ttgttcaactg acctgtgtca cagcactgag ctccaccctt ttctgagagt tattacagcc 120
aaaaagtgtg ggctgaagat ggttggttct atgtttctgt attatgtatc tttttgtatg 180
gtaaacacta tattctgtac ttaaccagat ctatttttac cccagatggg gatattcttt 240
gtaaaaaatg aacataaagc ttttttaatg gaagagcact acacaggggg cgccgatcta 300
gaggactcct tgctggaccc agttttacac gaggctgaga gctgttactg cctgccttat 360
atggagctga attattccct ggctggggat actgggtaag gaacctttat tctgcgtagt 420
aacaaaaa 427
```

<210> 5856

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (619)...(191)  
 <223> similar to gil619936 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5856

actagagaga	aaaacgtatc	ataaatcctt	atgttgccca	ctttaacaat	tgccaacata	60
tgaccataac	aattaacaac	atatgactaa	tcttatttca	cctttaccta	cctccctcat	120
tagtttgaat	cagattgcag	ttattttatt	tgtaaatatt	tcagtattct	gatattcagt	180
tgatcttttt	tgtttatcct	tctgccaggg	ccatactatc	ttgattactg	gaggggtata	240
ttaagtatag	aaggcaggta	ggttaaattc	cccaattttt	ttctcagcta	ttcttggtact	300
tttgcctaag	tcaaatttaa	aattcttctg	tcagtttcta	gaaagaagcc	ttctgggctt	360
ttgatttctt	tttcatttct	tgtgaaacaa	atatcagatg	ggcttttgat	tttgattgca	420
ttgaatctaa	aggtcaattc	tgggagaatt	gacatccttg	acaatagtct	tttgatccat	480
gaatgtggtg	tatctctccc	tttatttagg	tctttagggt	ctctcaatat	tttctagttt	540
tcagtataca	aatcctgcac	atctcttggt	acatagattt	ctaaatattt	catgcttttt	600
gctgctattg	tgaagttctt	aaaaagtaaa	tttttaattg	tttggtgata	gtatgtatgc	660
tttaagtagt	gaattatctt	tttagaaaat	taaaacatga	gagaaaaggc	cttggttttt	720
tatattatgt	taaaaatatt	agttttgttt	acacattctt	ctgggtgtgt	ttattgtctg	780
tagaaatggt	accctgcagc	ctgggcaaaa	tagtgagaaa	ctatctctc		829

<210> 5857  
 <211> 1344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (777)...(103)  
 <223> similar to gi2648022 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5857

tttttttttg	ccagggtgtt	ttacatttta	ttagctacag	tatagatcct	agagctgcct	60
cattccctcc	cctcccctcc	cctcccccca	ccatggaggt	caggccttgc	caggagcccc	120
tgcttttgct	gcctgggccc	gctggaactc	ctgctgcagc	tgagcaagg	tctccctctg	180
ttgctctgac	tgccgctcaa	gatcccgaag	ctgggattcg	tatcgcttac	taaggagaga	240
caagggagac	aagcagaaa	ggagaaatta	gtaggactca	ctatggagag	tgctaaacgc	300
aagaaagaga	taggtggaaa	acttgagatc	caggggaggg	agaagaaggg	gggttaaaag	360
ggaaggaaag	ggttggagga	actggaggac	taggggccac	tatggagagc	tgttctgcaa	420
tggttcaaca	cctctactcc	aatgggttcac	ttgcatcaca	gggtgcagca	cacgggtggtg	480
gaataaaaac	tcacatttca	gctgtgatat	agtccagcct	cttccctact	gtggcccgag	540
cctccccag	ctcctgtttg	actagcaccg	gaccagaag	tttaaagacc	acgttggtg	600
catccagcag	ggccagttcc	tgatggaggg	atgggacata	tgtgatcaga	accatggcta	660
gtacagggtcc	ctcctcgccc	cacaaatccc	agtccctcac	ctctttcacg	atattatttt	720
ctggttagttg	tgcttcaagt	ttctgcctcc	ccgacatgga	tttacttaag	tctggggatg	780
agaggaaagg	caatttagaa	acatcaaatg	tgccacctat	ccccacaatc	ctagtcaggt	840



ggatatggat	ctgaggaagc	agaaaaggg	gggggcagcg	ggtgagtga	caggaagag	900
tactgagact	gaggcggga	agtctctgca	cgcgagggcc	cagatggggc	aacaaacctt	960
atctcggtaa	tggctttggg	ttgtaagtgc	attgggcgag	accataccga	ccctgttccc	1020
ttacccttct	gtagctgttg	atatttctcc	acttctccct	gtagcttctt	ctggatcagc	1080
tccgccatgg	cggggatgaa	agcctactgg	gtgcgagaca	agggcgctgg	gtctcactct	1140
ctggaaggta	cctgagctcc	cttttctgat	ctggcctgcg	gaaatgatag	cactcttgag	1200
aggtagccct	gaggggcacc	gcaacctccc	ccccgtcccg	gatatcgact	ccaccctgtc	1260
cccaggagat	ggtgggcgaa	acgcaagacc	ccaagcctct	caaccgaaat	cctaacctac	1320
tcacgttctt	ccttcagtag	taat				1344

<210> 5858

<211> 1522

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (162)...(760)

<223> similar to gi5824504 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5858

aaccccgccc	cattatattt	atcaccccc	cccttcagcg	gaatggggcc	cccgccccc	60
ccccacacac	agttattctc	taatttgtat	ataaatttca	cttttaagca	tttttttttt	120
ttttaagaaa	taataatata	ttttaatgca	agagaaatca	tagccctggg	acacacccct	180
tccccgatct	gtcctgcctg	gggatgtgtt	tatggtgagt	gtgtccccag	gactggtagt	240
cacctggctg	tccgggtccc	cgcctactg	gcggcagcat	gcctgtcccc	agcattacat	300
tcaactgctg	ctctggctct	cgagaggcgg	gctggcctcg	ggcctccggc	ttggcgcttct	360
ttgtccccc	gtctccctgc	taaggccagc	agggccaaac	tgctaggcca	ggtcagccag	420
ggctggggga	atgggctgta	ccctgctcct	ccccaggcac	gactgtcccc	ccggggctcc	480
atcacccggg	ggggcggagc	gtctgctggg	gcagctctgt	gggccacagg	atccccccgc	540
accactgca	tctctctgcc	caggggtgct	gcctcatagg	atgcccccg	ccacagagtc	600
tctctgcccc	gggcgcccgc	ctcacagctg	gtcctcgctc	accagatgg	tcttgcgctg	660
ctcctgcgg	atcttgctct	tgacaacggg	gagcagctcc	tctacgctgc	cccacatgtc	720
aggttccacc	gtggcgtaga	ggcacggcag	ggcctccagc	tccttctcct	tcagccggca	780
cacgcgcagg	aactcctcct	ccgtctcagg	tcggggcagc	agctttctga	acctcttgat	840
gttcttctca	cacacccgga	tgaagagcac	gatggggtag	atgttggact	tgatcaagtc	900
tcttgtagcag	ccgatcccag	cctccagcag	gcagtgcctg	ttcttggcgg	ccacagcttc	960
aatgttggca	ggggcgatgc	attcgaacgc	gttgggggtc	ttctctcggg	agtagatgat	1020
ggtctccgct	ttctgccttc	tgaggaactc	atctcttggt	acgatatctg	acttgagat	1080
ggtgaactcc	atggcacctc	cagagttgag	cagcctctgc	accagcgtct	tggccagcac	1140
ggtgggtgtg	aagagcacgg	gccggcgggc	ctcgagtag	aaggcgcgta	ccaggctgta	1200
ggggatgagg	ctgaggttct	tgcccagctc	gctctcaggg	tccagctctt	cctgcttctc	1260
agtcaagagc	ttggtggcgt	ccagcgagga	ccgggccagg	ctccctagcg	gactccccga	1320
gatgatgcgg	accgcctcgt	tgctgttcat	ccgcttatac	ttgttctcgg	acctgctgac	1380
gaactgaagg	agctggccaa	aaaggaagct	tgctcgcgag	agacgggggc	tgacccgggg	1440
gtcgcttggt	gaaagcgctt	cttctggctg	caggggtgtc	cggagtgcc	gcagggtgtg	1500
gtgggtgccc	tctcctgcct	cc				1522

<210> 5859  
 <211> 6155  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (97)...(6017)  
 <223> similar to gi4808813 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5859  
 ccccggtg acccacggt ccaaaagctc cagaactgtc tcaactccag gctacatctt 60  
 ctcaacttgt aacaaggacc tctgagttca gcagccatga gttcagactc agaattggct 120  
 gtttttgggg aggctgctcc tttcctcoga aagtctgaaa gggagcgc atgagggccag 180  
 aataggccct ttgatgccaa aacatctgtc tttgtggcgg agcccaaaga atcctttgtc 240  
 aaagggacca tccagagcag agaaggagga aaagtgcagg tgaagactga gggaggagcg 300  
 actctgacag tgaaggatga tcaggtcttc cccatgaacc ctcccaaata tgacaagatc 360  
 gaggatatgg ccatgatgac tcatctgcat gagcctgctg tgctgtacaa cctcaaagaa 420  
 cgttatgcag cctggatgat ctacacctat tcaggtctct tctgtgtcac tgtcaacccc 480  
 tacaagtggc tgctgtgtga taagcccgag gtggtgacag cctaccgagg caaaaagcgc 540  
 caggaggccc cgccccacat cttctccatc tctgacaacg cctatcagtt catgctgact 600  
 gaccgagaga atcagtcatt cctgatcact ggagaatctg gtgcagggaa gactgtgaac 660  
 accaagcgtg tcatccagta ctttgcaaca attgcagtta ctggtgagaa gaagaaggaa 720  
 gaaattactt ctggcaaaat acaggggact ctggaagatc aaatcatcag tgccaacccc 780  
 ctactggagg cctttggcaa cgccaagacc gtgaggaatg acaactcctc tcgctttggt 840  
 aaattcatca gaatccactt tggcactact ggaaaactgg catctgctga tattgaaaca 900  
 tatctgctag agaagtctag agttgttttc cagcttaagg ctgagagaag ttatcatatt 960  
 ttttaccaga ttacatcgaa taagaaacca gaacttattg aaatgcttct gattaccacg 1020  
 aaccatattg attaccattt tgcagtcacg ggggagatca gtgtggccag catcgatgat 1080  
 caggaagaac tgatggccac agatagtgtc attgatattt tgggctttac taatgaagaa 1140  
 aaggtctcca tttacaagct cacggggggt gtgatgcatt atgggaacct aaaatttaag 1200  
 caaaagcagc gtgaggagca agcagagcca gatggcacag aagttgctga caaggcggcc 1260  
 tacctccaga gtctgaactc tgcagatctg ctcaaagctc tctgctaccc cagggtcaag 1320  
 gtcggcaatg agtatgtcac caaaggccag actgtagaac aggtgtccaa cgcagtaggt 1380  
 gctctggcca aagccgtcta cgagaagatg ttctgtgga tgggtgccc catcaaccag 1440  
 cagctggaca ccaagcagcc caggcagtac ttcacgggg tcttgacat tgctgggttt 1500  
 gagatttttg atttcaacag cctggagcag ctgtgcacaa acttcaccaa tgagaaactg 1560  
 caacagtttt tcaaccacca catgttcgtg ctggagcagg aggagtacaa gaagggaaggc 1620  
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ttaaggcttg	tccaaaggctc	ttgcgccaac	attgagaggc	cgagttgaag	gaactcactt	5760

taccagaccg	gaaggaagat	agaaagaata	ttctcaggct	tcaagatttg	gtagataaac	5820
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ccaatctagc	taaattccgc	aagctccagc	atgagctgga	ggaggccgag	gaacgggctg	5940
acattgctga	gtcccagggtg	aacaaactgc	gggtgaagag	ccgggagggt	cacacaaaag	6000
tcataagtga	agagtgatca	tgtcctgatg	ccatggaatg	actgaagaca	ggcacaaaat	6060
gtgacatctt	tggtcatttc	cctctgtaat	tattgtgtat	tctaccctgt	tgcaaaggaa	6120
ataaagcata	gggtagtttg	caaacaaaaa	aaaaa			6155

<210> 5860  
 <211> 1447  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1448)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (498)...(887)  
 <223> similar to gi219671 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400>	5860	
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gatatgcctg	cctcagcctc	ccaaagtget
gtcaattttt	gtatttttag	tagagacggg
acttctgacc	tcattgatctg	cccacctcgg
cacnccgcgc	ccaagctaata	ttttaaaaaa
ccaggctcgt	cttgaacccc	tgggcccagg
tggaattaca	catgtgagcc	aacacaccag
acttctgccc	acaccggccc	gcctccccgc
cccgcacccc	tgggaacatg	gcgctgcgag
gctgcacgt	ggtcctggca	cctgcgcgcg
tgggcgcgt	ctgggttactg	taattctgct
gagtttggtg	ctttggagag	tgtgaaagct
gaagtaaccg	aaattaatga	agctcttgca
tatgaagatg	gttggctgat	caagatgaca
atgagtgaag	aagcatatga	gaaatacata
taaataagct	agtatgaaat	aacgcaaccc
gaagacttag	aatagcaact	tttagcatta
tgctaataaa	agaagatgcc	ttttaacttt
ctttttcaca	acatcctatg	atttttagac
aaattatcca	tggtaaaaat	tagttacaaa
tcttaagcct	tatataatat	tgtaacttgt
acttaatgat	ctttccattg	gaaataactg
tgtcagatga	agaacaacac	tatcttaatt
tttatatagt	gaagcaacag	ctgtacagca
aaaaaaa		

<210> 5861  
 <211> 1498  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (245)...(1285)  
 <223> similar to gil088448 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5861

tttcgtcaca	taggcacaca	gagatacgcg	cacacacaca	cacaaacgca	ctcagatttc	60
ccggaccctg	gttttctctc	tgtgaccctt	tgggggccc	gctctcacc	taaagaagca	120
gccccgcct	ggggtggccc	cacctctct	tgggacctgt	cataagtcgg	accccgggcg	180
cccggctgcg	cagtcccagc	cgccttcccc	aggcagtgga	accttcgggc	tcctgagctt	240
caggatgggt	cgtactaaga	catggaccct	gaagaagcac	tttggtggct	atcctactaa	300
tagtgacttt	gagttgaaga	catctgagct	cccaccctta	aaaaatggag	aggtcctgct	360
tgaagctttg	ttcctcaccg	tggatcccta	catgagagtg	gcagccaaaa	gattgaagga	420
aggtgataca	atgatggggc	agcaagtggc	caaagtgtg	gaaagtaaaa	atgtagccct	480
accaaaagga	actattgtac	tggttctctc	aggctggaca	acgcactcca	tttctgatgg	540
gaaagatctg	gaaaagctgc	tgacagagtg	gccagacaca	ataccactgt	ctttggctct	600
ggggacagtt	ggcatgccag	gcctgactgc	ctactttggc	ctacttgaaa	tctgtggtgt	660
gaaggggtga	gaaacagtga	tggttaatgc	agcagctgga	gctgtgggct	cagtcgtggg	720
gcagattgca	aagctcaagg	gctgcaaagt	tgttgagca	gtagggtctg	atgaaaaggt	780
tgcttacctt	caaaagcttg	gatttgatgt	cgtctttaac	tacaagacgg	tagagtcttt	840
ggaagaaacc	ttgaagaaag	cgtctcctga	tggttatgat	tgttattttg	ataatgtagg	900
tggagagttt	tcaaacactg	ttatcgggca	gatgaagaaa	tttggaagga	ttgccatatg	960
tggagccatc	tctacatata	acagaaccgg	cccacttccc	ccaggcccac	ccccagagat	1020
tggtatctat	caggagcttc	gcatggaagc	ttttgtcgtc	taccgctggc	aaggagatgc	1080
ccgccaaaaa	gctctgaagg	acttgctgaa	atgggtctta	gagcttccct	actttgtaat	1140
tgactgactt	caagcaaata	ctcttgtcta	taaattccatg	aagagtgcta	agccatcact	1200
ggaatacatt	agcgaaaaac	ttgtatcagg	gtaaaatcca	gtacaaggaa	tatatcattg	1260
aaggatttga	aaacatgcc	gctgcattta	tgggaatgct	gaaaggagat	aatttgggga	1320
agacaatagt	gaaagcatga	aaaagaggac	acatggaatc	tggaggccat	ttagatgatt	1380
agttaatttg	tttttcacca	tttagcaaaa	atgtatacta	ccttaaatgt	cttaagaaat	1440
agtactcata	atgagtttga	gctacttaat	aaaatacatt	taagtggtaa	aaaaaaaa	1498

<210> 5862  
 <211> 1188  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1136)...(372)

<223> similar to gil813880 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5862

ttgagcccca	agaggcagag	gttgccgtga	gccaaagatca	cgccactgca	ctccagccag	60
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gcaacctagc	ctaaaactta	caaagtagca	gagtgaacac	atatgtgcat	gcacacacac	180
acacacacaa	cacacatata	cacagatgag	agtagcacac	acgccaaaga	taçatcaagc	240
aagtgtcttt	ttaatcaata	catcaaatga	tatttttgct	agcctgagga	agcttctctt	300
tgctgtcct	atcattccca	cccattgcct	cacagggatg	gaaagaaatt	ccttcttgga	360
cccaacatta	gataaacata	accaagtctt	tacatgtggc	tttgagaag	gctgctagga	420
tgcttgcgaa	cacgacatcg	gggggtctggg	atgcatcgat	ggcggagtg	atcccccggt	480
tctgtagta	cttctatgag	tgggggtggg	ttgagtgtgg	gtagggcttg	caggcgggat	540
tttcaagggc	ctttttcatt	tatcatcttg	atcgacggga	tcaaggggtt	ccccgggtga	600
ttgtcatctt	ttcatggggg	ctcttttggt	aggggttgaa	ctcctcgtgg	gtaggggaacg	660
gccactcttt	gggggtgaaa	tcagccattt	ctgcgtgcct	cacagtccga	gggaagccat	720
ccagaagaaa	accatttttg	cacaaggggg	tctccaaatt	cttctcaatg	agctccacta	780
ccatttcac	actcaccagt	ttcccagcat	ccatagttgc	cttcagcttt	tttcttagct	840
ctgagccaga	agccaccatg	gccctcagca	tgtccccagt	agctaaatgg	cagacacaga	900
agttttcagc	caatctgggt	gcctggggca	gtagatagca	gcagaaagag	caggagcttt	960
ggagtcattc	agatgcaagc	tctgtaaatt	acttgctatg	tagcctagag	aacaagccat	1020
tcaaaactta	gtttctccaa	ctgggtccct	ttaccggccc	cgggaggccc	cagcagcacg	1080
gcccggatgc	ctttaggata	ctcgggttct	gccgtgggca	cgtggggagc	catgtccgcc	1140
gaagtctctc	actgaacacc	agttcgcacg	cctcacaggt	ccacgaaa		1188

<210> 5863

<211> 2134

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (287)...(703)

<223> similar to gil890141 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5863

ggaattcggg	tgaggctctc	tcattccaga	tatggagact	aaaaagttca	agatggaagt	60
aatagcaaaa	aaattacagt	actaatcaca	acagctacca	tttctcagca	ttagacacag	120
taactgtatg	aaagaagtat	gattattagg	tctgttttac	agatgaggaa	actgagaccc	180
agaaaggtgg	aagcacttgt	ctaaggtcac	gcctccagga	agcagtgtgt	ccacgactcc	240
agtccaagtg	gtcaggctcc	agagcccaca	gtcccagggg	tccatgatgc	cgagctgcaa	300
tcgttctctg	agctgcagcc	gcggccccag	cgtggaggat	ggcaagtgg	atggggctcg	360
ctcctacctg	cacctcttct	atgaggactg	tgcaggcact	gctctcagcg	acgaccctga	420
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gtcctcgggg	accctgcttc	tgattgctgg	gtgtggcggc	tctgaccact	ggctatgcag	540

tgccccccaa	gctggagggc	atcgggtgagg	gtgagttcct	ggtgttggat	cagcgggcag	600
ccgactacaa	ccaggccctg	ggcacctgtc	gcctggcagg	cacagcgctc	tgtgtggcag	660
ctggagttct	gctcgccatc	tgcctcttct	gggccatgat	aggctggctg	agccaggaca	720
ccaaggcaga	gcccttggac	cccgaagccg	acagccacgt	ggaggtcttc	ggggatgagc	780
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gaaaccaagc	ccacggtctt	ggccgtgacc	ctgataataa	atgggtctct	tcagaggcgc	1860
cagccccctc	ctccccagcc	ggaggcgtca	tctctcttct	gtaccactag	agggagctct	1920
gatgcagctg	gagagcagcg	ctcaaggctc	tcgccccctc	cctccctaac	ccttaccttc	1980
agtctccacc	agcctgaagg	gcctcctagg	ggatcctcag	gcgggcccca	ccagggcaca	2040
ccctactgtc	cttgtgcctc	acgccccctc	ctcatcctgc	acccttcca	tcccaccttc	2100
cctttcaata	aacagctggg	atggaaaaaa	aaaa			2134

<210> 5864

<211> 1936

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1818)... (107)

<223> similar to gi4884092 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5864

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gttaaagggc	agcctggcat	tgatggctgg	tggagctctg	aagcctgcct	ctgcagggtc	180
agacacatcc	acaaaagtaa	ccgcagtggg	aataagaatc	gtcctttcat	ttcctgagtt	240
ggcctcagga	aaggaggatg	aaattagatt	tgcagttaca	ttgactattt	tggcctgtgg	300
attcagcagg	gatccgtatt	tagtccactt	cacttctata	accaaagccc	ctgggagctg	360
gcaggaatcc	ttcctgttga	atgactgggt	gatgaagtgg	atgggcaccc	agtccagcat	420
gtccctgggc	cctgggaatt	tccaaaaggg	gccacgtaat	ctgggaagcc	ctggccccac	480
agcaggtctt	tcaccttctg	tgctacgagc	tgacacggga	gagctccagt	cagtcttagt	540
ttacagccag	attgcatagt	gtaaccaa	aatactgggg	tccggacccc	ctccagtgtc	600

aagcagtctt	gctcagttgt	gctatgaaga	atagtaagct	gtccatatct	atttgtggtc	660
tgaataatcc	cagacccctt	atgaggctgg	aatccagcag	ctaattgggag	ccccacgaca	720
taaccagggt	ttccactgag	agggactggc	tgggtatttt	cctgaagaaa	atgaatttca	780
aacttttgtc	gcagtgggac	cactacgctg	ctaactgtcc	ccagaacgaa	tgagagatca	840
gctttgggtga	cttcacctgc	atctgtgtat	gtgaggctgt	actttacctc	aagaacaaca	900
ttcacgcaaa	ggctaaagtg	tccagcgttg	acgagagtcg	gctgcagcac	atcagtgctc	960
tcccgtcggg	tgagcgtttt	atttagagac	tgaatgacga	tggactgaac	agtgataggg	1020
accttttttc	ttgaatcagg	tacctcaga	atttccgggc	tgctgtaaaa	agccatgctg	1080
agggtttcaa	tttcttcaca	ctgttctaaa	tttatttttc	tgggtgcactt	aacagcctgg	1140
ttcaccagaa	acgctgcagg	gttattatca	gtgcacagag	atgatgtcag	ggacgaagga	1200
aatctcagaa	acgaatctga	agtctgcaga	ggaaccccat	actcatattt	agcagcagta	1260
ggaatatcca	gtttggttgt	gaaggaaaca	tatgattcag	cattcaatgt	aaaaccatca	1320
gatgttttca	tcaatgtatc	aaaattgttt	tcatcaggta	cttctggatt	aataaaggat	1380
aatgcagggt	tatagtttgt	aatatgaatg	cagaaaatag	atggattaat	ctgggtcaaca	1440
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gcgctcacgg	aggcccagca	gcccaggagc	accaccagga	gcggcgggag	acctcgcggc	1860
ctcatctccc	agggagtccc	agcgaggccc	gcgacatgga	cagcgcgttg	cccggcaacc	1920
gcgacagcca	ggcgcg					1936

<210> 5865

<211> 2697

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (402)...(2303)

<223> similar to gi4886493 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5865

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ctcagttctg	cttctagcca	cgccctttcg	cgttcacgtc	cagcgccctg	gcgggattga	180
tttgaggacg	actggactgc	cattgcgcct	gcgcaggggag	cccaaggcaa	gagccgctag	240
gctgccttgc	ccgaagggct	caactgtcag	tgagcctgcg	caggaggcca	ataggctgcc	300
aatactcctt	ggactccccg	ccagggccct	gctgtcagtg	cgctgcgcg	cgggtccggc	360
gccgaggttc	ttgactgctg	tgcggacgc	cagggtgtagc	catgcagcga	gccgattccg	420
agcagccctc	caagcgtccc	cgttgcgatg	acagcccgag	aacccctca	aacacccctt	480
ccgcagaggc	agactggctc	ccgggcctgg	aactccatcc	cgactacaag	acatggggtc	540
cggagcaggt	gtgctccttc	ctcaggcgcg	gtggctttga	agagccgggtg	ctgctgaaga	600
acatccgaga	aaatgaaatc	acaggcgcat	tactgccttg	tcttgatgag	tctcgttttg	660
aaaatcttgg	agtaagttcc	ttgggggaga	ggaagaagct	gcttagttat	atccagcgat	720
tggttcaaat	ccacgttgat	acaatgaagg	taattaatga	tcctatccat	ggccacattg	780
agctccaccc	tctcctcgtc	cgaatcattg	atacacctca	atttcaacgt	cttcgatata	840



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cagagctgca	gataagtga	cgagatgttc	tctgtgttca	gattgctgga	ctttgtcatg	1020
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cggaggtgaa	atggacgc	gaacaaggct	cagttatgat	gtttgagcac	cttattaatt	1140
ctaattggaat	taagcctgtc	atggaacaat	atggtctcat	ccctgaagaa	gatatttgct	1200
ttataaagga	acaaattgta	ggaccacttg	aatcacctgt	cgaagattca	ttgtggccat	1260
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gatggtatta	gggcaaactc	tactatacta	tgaaaagcat	taccttgcc	atttttaata	2520
ttattaaagc	ctttctcctt	caaaaaaaa	aaaaagggcg	gggcgcttaa	aagatccctc	2580
aggggggcca	aaataacccc	gagacgcca	gctgtaagct	tttcccttat	gagggcctaa	2640
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<210> 5866

<211> 3464

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3465)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1430)...(3052)

<223> similar to gi4773880 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5866

atgcagtggt cagtataat ggaatacttg aaagtaatcc cctcactcca ggaactagtg 60

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caaatatata	tacagactct	aaatatgctt	acctagtcc	ccatgccc	gcagcaatat	180
ggaaagaaag	ggaattcccta	acttctgaga	gaacacctat	caaacatcag	gaagccatta	240
ggaaattatt	attggctgta	cagaaacct	aagagggtggc	agtcttacac	tgccgggggtc	300
atcanaaagg	aaaggaaagg	gaaaatactt	ttgcctgcaa	ctatccaatg	gaaattactt	360
aaaacccttc	atcaaaccctt	tcacttaggc	atcgatagca	cccatcaaat	ggccaaatca	420
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tgccaaaaaa	ataatccct	gcctcatcgc	caagctcctt	caggaaaaca	aaaaacaggc	540
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cggaaatatt	gatgcccct	cgtataggag	tctttctaag	ggaaccccca	ccttccactgc	1620
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accctcagga	atattttttg	tctgtggtac	ctcagccat	cgttggttga	atggctcttc	2280
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gactagctgg	atttccttag	gctgacctaa	ggantcccta	aagccttagc	tggggaaggg	3180
tggaccacat	ccaccttttt	aaaacacggg	gggctttgca	actttaggtt	cacaccttga	3240
ccaatcagag	agctcactaa	aatgccta	taggcaaaga	caggaggtta	agaaatagcc	3300
aatcatctat	tgctgagag	cacagcagga	gggacaatga	tcgggatata	aaccaagtc	3360
ttcgaagcgg	caacggcaac	cccctttggg	tccccctcct	ttgtatggga	gctctgtttt	3420
catgctat	cactctatta	aatcttgcaa	ctgcaaaaaa	aaaa		3464

<210> 5867  
 <211> 7104  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (90)...(5251)  
 <223> similar to gi4096591 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5867

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ggctgcaggg	catttccttc	gggatgtatt	cggtcgaaga	gctcaagaaa	ttaatgttta	180
aatccattac	gaacctcg	tacctggaca	gcctggggaa	cccatcggca	aacggcctgt	240
acgatttagc	tttggggcct	gcagattcca	aagaggtgtg	ctccacctgc	gtgcaggact	300
tcagcaactg	ttctgggcac	ctggggccaca	ttgagctccc	actcacagt	tataaccctc	360
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tcattgctct	cttctggaag	gcacatatga	atgctaagcg	ctgtccccac	tgcaagaccg	720
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<210> 5868

<211> 5127

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (331)...(4654)

<223> similar to gi31958 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5868

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<210> 5869

<211> 1368

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (366)...(1222)

<223> similar to gi241467 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5869

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ttgggcttag	cagcttgaag	actgacactg	cccgatcgcc	tgggaagccc	cggagaccat	1320
cacggacgcc	gagctgccag	taactctcac	agtggaaagt	atctggtc		1368

<210> 5870

<211> 1553

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (373)...(1306)

<223> similar to gi2183323 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5870

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<210> 5871

<211> 1831

<212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1718)...(746)

<223> similar to gi5668733 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5871

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cacgtggctt	ccctcagccg	ccagcagccg	ctggagggtg	taggtgaaca	ggacaagggc	1080
cagcttgctc	tgggcgtagg	ctgcgtgggg	tgagtagcag	gcactgctct	gaaggtcatc	1140
catgttcagc	tcagcgacgt	aatgggtggc	agaggagacg	gtgaccacc	tcgcactgtg	1200
gccaggggac	ccagactctt	tcagcgtatc	caagagaagg	ttggtcagca	ggaagtgcc	1260
taggtagtcc	aggccgaaat	gttcttcgaa	tccatctctg	gttttcctct	gagggaccat	1320
catcacccca	gcattgttga	tcaggacatg	gagaggaatc	ttcttcacat	tgaacttctg	1380
cacaaactgc	cggatggaag	tcattggaagc	caagtcacag	tataaaaatt	ccaaatttta	1440
ggaggaaatg	atggtgcacg	cctgtagtcc	cagctcctcg	agaggctgag	gtgggaggat	1500
cgcttgagtt	ccagaggcaa	agccagcccc	ggcaacacag	caagactcac	gtctctttgt	1560
cgttcaaggt	ttcttctttt	attttgctta	caacttggtt	ggctttgctg	tcattatttc	1620
cagctatgat	aacatgcatg	ccaagtctcg	ccagatgctt	cgctgtagaa	tagccaatgc	1680
catctgtccc	tcccgtcact	atagcgacac	ggtcaggctg	tggggggaaa	acctgggggtg	1740
ggtaggggtc	gaggtccctg	ggacgcccgc	tcctcccctc	cggggcctgg	cgggggcgcg	1800
cggtcactgg	cgcaccgcag	gcggcaggca	g			1831

<210> 5872

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (202)...(774)

<223> similar to gi1389766 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5872

ggaggaaaca	cacattaaaa	ataaattaaa	accttaatta	tttaattaca	agcgtgataa	60
atgctaaaaa	taggaggcac	aggaaagcag	gataacctat	aattggagga	aaacctgtct	120
gggagatcaa	gaaggcattc	ccatacattg	tcgtgacaac	cttttttgga	aggcaatact	180
gaagtctatt	aaatgacaca	gtcccttcga	cctagctgtt	ccactttagg	aataaaagta	240
atatagcaat	aaaagtaata	ctacttaaag	cagcatgtgg	ctttggctcc	cagtgaagtt	300
gcagggtgta	caaagcataa	tatgcctcca	agccaggctg	cccaaaaggt	caaatccaga	360
aaccagtcta	atagactgag	gaaagcaagt	gaaggtaact	tgacacgcca	taaagaactg	420
ttcaagtgag	tggactcatt	gtgagatgcc	tgatgcactc	cagagaaatc	agatttaggt	480
ccaatagcat	aatacaagaa	gtcaagcacg	tgagggcctc	ctgtgagatc	tcgatggggc	540
agccaggcac	ggggactcac	gcctgtaatc	tcagcattct	gggaggccaa	ggctggagga	600
tcatttgagc	ccaggagttc	aagattagcc	tgggcaatat	ggtgaaaccc	catttctaca	660
aaaaaataca	aaaaaaatta	actgggtatg	gtggtggtgt	gtgcctgtag	taccatctac	720
tggtgggagc	tgaggtagga	ggatcacctg	agcctggaag	gttgaggctg	taag	774

<210> 5873

<211> 1322

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1116)...(203)

<223> similar to gi311667 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5873

tttttttttt	ttcacattac	cgaaaggcca	agtaatgtgg	tgtgattact	ataattccta	60
caacaaaact	tccacttaga	atagttacat	gttcccaaac	tatttttctt	ctgtctgcca	120
tgctggcttc	tgtatcccat	ggtccactgt	aatctttttg	gtcttctttt	tttgagtagc	180
agcagtcctc	gtgctgctat	ccattgagta	ggtaaaccac	caattcatag	gtggccatca	240
taatggctgt	gtttgggaat	ctgtctcact	agatgagttg	tcagaccacg	ataaagagac	300
ccataacctt	cttcttgaaac	aagcaaagat	agagtctgaa	aaaaagatct	gtattttggt	360
ccctcttcac	gtagtcttgt	tcttacaact	tcagtgtgat	atgctatagt	tgtggcaaca	420
agtttttgag	gtggcagcag	ctagcatcat	tcccacaaaa	tctgatgctt	ctttcacaga	480
ctcttcatca	ttttccattg	tagaagcagt	cttatattcc	agtagttttt	gttttatact	540
ttcataaata	acaaaatgga	taacagtctc	tgatatacca	gcatatgaag	cagacatgcc	600
cctataaaat	ccttttagtc	catctgtctg	atacacttta	cgaacacatt	caaaagcacc	660
cattcgcttt	ttccccgcgg	ttccttgcac	caaagctgta	accgagtctt	tataagccaa	720
atgggggttg	ttgctgtgat	tgacgtaaaa	cctgccattg	cagctgaaat	catatgtact	780
tggttagaat	caggatcaaa	tacatcattc	aacttttctt	tgagttttga	ataagcagca	840
aagtatattg	ctctggaagg	ggctaccccc	actaaattgg	ggcctagtcc	tctaaacaag	900
gaacgaggcc	cttctttttc	caagatcacc	tttaggcaat	gaagaggtcc	gggagacact	960
actcggttga	cactggctcc	agccatgggtg	ttcagctgaa	cttcagaaat	ataaagcgtc	1020
acagaagatg	actgcagtcg	tgttttttaca	acttccagtg	gacatgtcag	aatagctccc	1080

actgtaccac	cacatcctcc	ggcaaacaga	tgcaccagcg	tgtccctctg	gctcattctc	1140
tctcccgcat	gtcctccggc	cgctgaggcg	ggacgcggat	ctggccgccc	gctacggcag	1200
gcggcttcgg	tcccggactg	gagacgcaca	gcgccccggg	gacggcgagg	agagctggcc	1260
gagatgcggc	tgcagaaagc	aaccggcaca	gccctccccg	cggcactcca	gccgcgacga	1320
aa						1322

<210> 5874  
 <211> 1038  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (776)...(992)  
 <223> similar to gi299471 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5874						
tttcgtctcg	gttagggcct	catcgctctg	ctcccgtctc	ttaggggaagc	ctcgggtgatt	60
ctgccacagc	ctcagcctct	gtggctctgt	gacctgccgg	tattggatga	ttcgtatcta	120
agactctggg	acactcctga	agtcgggaaa	tggtagtggt	gcagggcagg	gcgtcccaag	180
gctgtggagg	cctcatcgga	accggcgggg	aatggcgggc	gtgggaggag	tctgtgaatg	240
gagttcccg	tcagccctct	gtcctcagtc	ccctccgggt	agggaccgcg	gctcttgta	300
gtccccgtac	agcggctctg	gccagcctg	cagccctcct	tgtgcagctc	tgcgcgggta	360
gccctgcact	ttccccgggc	tgtggagtga	gtaggagctc	atccggaaga	caccgcggcg	420
gcctgcgcgg	tgccggcggt	ggaggagctg	tggtcgggaa	tcccgtccct	actttaccct	480
gttcagaatg	agattgaggc	cccatcaaaa	catggagtgc	atgtgagcaa	acaggactta	540
ttaatgggaa	agctctgccc	tggctcgtgg	tttggggact	gccagcgggt	cttgaaggaa	600
aggcttttgt	gaggtgtgtg	aggaagcgaa	gcaaataacc	tgccctgcgc	aactttgccg	660
ccagtcacct	tgccctgtgc	gcctcctccg	cgtggctgtt	cctgaatacg	ctggtgtctg	720
ttcgcattct	ttagaatacg	ctggtgtcgg	tgcgcacagc	gcttctctta	gttctacgga	780
gtcttcgctg	tgtcgccagg	ctggagtgcg	gtagtgcgat	ctcggctcac	cgcattctcc	840
acctcccagg	ttcaagcgat	tcacctgctc	agcctcctga	gtagttggga	ttacaggcgc	900
gccaccacac	tcagctaatt	tttttgtatt	tttagtagag	acgggggttc	gccatgttgg	960
ccaggatggt	ctccatcttc	tgacctcatg	atccaccagc	ctcggcctcc	caaagtgcgt	1020
ggattatagg	cgtgagcc					1038

<210> 5875  
 <211> 1762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1678)...(388)  
 <223> similar to gi23874 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 5875
tttttttttta taaattcatg acacttttta ctatgcccca ttgcacgttc tcatccatgg      60
atttgcccttg cegttaagaa ttaattaacc atggccttgt ggccctgggc tgaccacaggc      120
tgcgttttat cttgcacagc taaaagaggt tctgatgggt ggctcaacac cccaacccaa      180
ctcctaatac catgtcatca agtggtcaca attttccaaa atgaagttga agtgccttga      240
tctgtccact gccaccacca accagtgtgt gagttttccc atgtgggttt tgctttttgt      300
ggtgttaact ggcccttgct gctaagagca agcaaggact gttctgcgta agcgctgcc      360
agcctgggga cctcactcaa gttccccagg ggtattcaaa gaccggcagc gggctcccat      420
tccagctccc gatggcacat ggacaaccac tccggtatgc cctcttccca cgggcgcttc      480
agcttcattg agcaagcgtg atgacctgta cgtgccccca gtgcagccca agggggtggc      540
cctaaggggc actggcacc (cccagggggg ttcacccttc tcagggggga agtcgtagct      600
tctccacaca gtaggcagcc tggcttgcaa aggcctcat tgatctcgaa gatgtccacg      660
tcaactactg tcagccctgc tttttgcaa gctactggga tggcataggc aggtccaatg      720
cccatgatgt caggtgggac cccaaccact gcataagacc tcaggacccc aaggatggga      780
aggcccaact cttctgcctt ggacctccgg gccagcagga tggcagctgc cccatcactc      840
acctggctag agtttccagc tgtggtagaa ccattcttct tgaaggcagg cttcagtttg      900
gccaggccct ccatggtggt gctggggcgg atacctcat cctgggtcac agtgatgctc      960
ctcttggtgc cctgtcatc atggaccgtg gtggtcacag gcacaatctc agcttggaiaa    1020
cagcccttgc tctgggctct tctgctcttc tgctgggaag ccagggcaaa ggtatcctgc    1080
ttctcccggtg aaatgccaaa ccgctcagcc acattctcag aggttatccc cataggaatc    1140
aggcaatctc tggccttctc cttctccatc aagcgcgaa taatatttcc agggttccct    1200
ctgtcagcca gggacatgga ctccacccca caggccatgc caatgtcata agacccattt    1260
ctgatgccac ctgctatgct ggccactgcc tgtagccccg acgaacactg tctattgaca    1320
gtggacaaag gcacagtctc cgggatgtca ctcagaaact gggcgattcg ggccatgatt    1380
gccccggccc caggctgcag cacatttccg acacagatgt ccccagctg ttccggcctc    1440
agattcacgt ccttgagaac cgcggtcatg actgcgcaga gaagctcgtc gggggtggtg    1500
tccttgaagc cgcgcgggcc cgcgcggcag atggcctgct gccgcctgct caccaccacc    1560
acatccgcgg ccgagggcat cggggcaccg ctccaggcaag gcgcggcctg cggcatccag    1620
ccggaatcgg ccggaccctt caggtggccc agcactacct gcagcctctg cattgcgcag    1680
gtcaacctg cagaccagcc accagtccgg gaactgaccg cggagttaac agacagccgt    1740
ccgcacacgc gcagaaccac at                                     1762
```

<210> 5876

<211> 1140

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1108)...(443)

<223> similar to gi4454696 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```
<400> 5876
gggaggaaag ggaaggtatt agacgccgcg cggggattgg tttttgtgtg taattatggg      60
```

ataggggttg	tgagatgggt	ttgggttggg	agtgggtgtg	gtgggttgtt	atatgttttg	120
gaggagtggg	actccataag	ccctttctgt	aatataagta	tgctaaatgc	cacggaagcc	180
agatacattt	attaaatcta	ctcttagcca	agcaataaag	atgtgtacag	agttcacaac	240
ctgcaacact	tcaccagggg	atgctaggta	aaggcaactt	cagtttaact	gagtactcca	300
tttcaagtgg	gtaatgtctg	ctgggttggc	gctatccagt	ttggaaaact	gtggaagatg	360
ctgttgctac	ccagattgtt	ctgttcaaca	agtgggctg	aagcctgagc	agtgtagcca	420
gctgtgtggg	gagcagaggt	tcactccatt	gcttctgcag	cctcctcacc	tgactcctcc	480
tcctcctcta	gtaagcagct	tcttgtcaca	gacttctgga	tagcttcccg	ctctccttca	540
tcagtgcagt	tctgcaacaa	gatcaacagc	tgtctcctgt	tgtactgaat	taggaacttc	600
tgacatgttc	ttattgtacc	tggcatatga	gttactgtgg	tcaacagctt	gtgaaaggtc	660
tcgaccttac	agactttcag	aggtaggggg	aaggctctgt	tagcgggaca	gcagcaagac	720
ccaccacca	gtttagactg	aactgtgaac	gtgtcaccaa	ttgaaaatca	gtagccatac	780
cacctcactc	ctacctccca	catgtaatgt	gttgaaaaag	catgggtaac	ggtgtccttt	840
gttctccaag	tatgtgatga	aggggaagagc	tgaccacaca	agctgataga	attcttttct	900
gcacgaagt	agcactatc	cagtataggc	attgagatat	cgaaccgcga	agccgatgga	960
gcaggcggct	gcgccgaaag	ttccgtgcac	cctggcgatc	gtgtcccgtg	cgaggctgct	1020
cagaactcgg	tcacgcaggc	ttaggcggca	gcgggggtcg	tcagacacca	gttcgcagag	1080
caggtacctg	tgcttgaacc	gcaccatggc	tgctcccgcg	ctctccagtc	cgtcgtgcc	1140

<210> 5877

<211> 2474

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2475)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (405)...(2378)

<223> similar to gi5305335 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5877

tttttttttt	ttgcgaatct	gttgatttat	ttacggctcg	gtgagacgac	gctggacgct	60
ggttagggta	agggttaggg	caagcattag	cagcaggggc	atggccctgg	gaagcacctg	120
gacccagaa	cataagacag	gagggagaga	tgccatccat	tcagcgggca	cttatgccca	180
cgaccagctg	agccagacca	gcattcccat	ttaccacccc	cttactcctc	aagatgcaaa	240
tgaagctcag	ggctgggctg	aagctggcag	ggctgtccac	agggaggacc	cccgtgtgtc	300
tctcgggctg	cccaggtggc	tctgtccacc	cttctgtctg	ggaggctcct	taaggctggg	360
gagggccag	aggggaaggag	atcctgaggg	gctggcagat	tcaggccctc	cctgcgagct	420
gaggtttgaa	gaggagagca	gaccaaccag	agtagtgga	gaaagcaccg	gcagaaaagc	480
tggcatatcc	accgagggcc	tctctgcttc	ttttgacctt	tttcagagtt	tcagagttat	540
gaaccaaate	gccttcatga	gagatgacga	atcagatgct	acatagtggg	ggaggcggca	600
gctggcctgg	ctccccact	tccccaggac	ctccgcctgg	aggaagcctg	cccagggccg	660
cagccctgcc	cccaaagacc	ccaggacaga	ccagagctcc	tgctggagcc	gggtgtcccc	720
atgctgacct	ggccatgtcc	ccaggctcca	ccccagggtc	acttctctga	gctccgactt	780
ctctagtggc	tgattgcagt	tcccagaatg	tataacatcc	caggggtgcc	gagcccaccc	840

aagcagccac	tctgtgccag	ttcccagaat	gtataacatc	ccagggtgcc	agagcccgcc	900
caagcagcca	ctcctgtcca	gttcccagaa	tgtataacat	cctagggtga	cagagcccgc	960
ccaagcagcc	actcctgagt	cactcgggca	tgtccaggac	tcagggtccac	acagacagtg	1020
gcaacagcta	gccctgggca	tctaccccca	tgaaggggac	cctcgggttct	gcgagagaga	1080
tccccgaagt	gggaactggg	cccccatggt	gcccagtgcc	tctccccctc	tcctctgcca	1140
ctctgccctg	caccagaggg	cagcgctgga	ggccttactc	taccactcag	ggcttctcaa	1200
acctctgggt	ccacttttct	ccttttaagc	tttccatttt	gtaaactcac	ctcccccttc	1260
ccaggcttgg	gggtccaagg	aaccccagct	ggtgggagaa	gcgtctgcac	tgtggtgcag	1320
gggggtggtga	gtgagcgagg	aggcactagt	gtggggcagc	tacttcacct	ccctgtgcct	1380
ctgtgtcctc	ctctgtcaaa	ggggcaagat	aatggctccc	attgccgggc	tgctatacag	1440
tgctcagggc	cacagtgcag	tggggggacc	cacgtccatc	gccacctga	tgcatacaac	1500
ccggacaagt	ttactgctgt	gatttctgcc	ggcgctgctg	tgccgggttc	ctggtgctgc	1560
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tcagggtggt	ggaaaggtgg	acagaaggag	gcaggaggca	ggtgtgagaa	gctgcccacc	1740
ccacccctca	acaccacagc	acttccagct	ccagcaggtc	cttgttctca	gctgcccctg	1800
agccatgggt	ggccagggtct	cctccccatc	accccaactga	gactcgagac	agggaggacc	1860
tgatcctgga	gtccctccca	gccctggctg	aggaagccac	ccaacccgac	aatgggcttg	1920
cgcaagccgc	gcagtgactg	ctcccagcct	ctcccaagga	cttaggagcc	caaagccgcc	1980
tccctcccgg	tgagcatccc	aaggcatcgc	tggtctgcagc	tgagagggcc	tcatttgggc	2040
actgcncctg	aggctggcac	ttgcagggtg	gggccccttg	gagctctggg	aggcacctgg	2100
cagcctccca	gacaccccgg	gccggtcctg	ctctccaggc	ttagggctac	agccacaacc	2160
actgggggta	ggggcgaggg	gagtcagggc	ccacctgtg	ctggcagcaa	ctccttccca	2220
gctctggggc	cagtatgatg	cccatcttcc	ctctggggag	tcacgttcct	cccgtccgg	2280
gcccgttccc	acccaaggtc	cctttgcaga	agactggcac	tgtoctcctc	cagcgggaac	2340
tgggtgtgcc	ctcagcaaga	ctctgcccc	tcccatcctc	atgttctcag	gagactgaag	2400
ctgggcactc	agaaccagcc	ccaggagcag	aacgcaggcc	tgcatataga	ctcactgcaa	2460
ggcggacgcg	tggg					2474

<210> 5878

<211> 1938

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (48)...(1654)

<223> similar to gil388193 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5878

ctattctgtc	aaagagacgg	tgccaaaagg	caaaaacaaa	ggagctgatg	gcaaagaagg	60
tagctgtgat	tggagctggg	gtcagtggcc	taatttctct	gaagtgtgtg	gtggatgagg	120
gacttgagcc	cacttgcttt	gagagaactg	aagatattgg	aggagtgtgg	aggttcaaag	180
agaatgtgga	agatggccga	gcaagtatct	atcaatctgt	cgttaccaac	accagcaaag	240
aaatgtcctg	tttcagtgc	tttccaatgc	ctgaagattt	tccaaacttc	ctgcataatt	300
ctaaacttct	ggaatatattc	aggatttttg	ctaaaaaatt	tgatctgcta	aaatatattc	360
agttccagac	aactgtcctt	agtgtgagaa	aatgtccaga	tttctcatcc	tctggccaat	420
ggaaggttgt	cactcagagc	aacggcaagg	agcagagtgc	tgtctttgac	gcagttatgg	480
tttgacgtgg	ccaccacatt	ctacctcata	tcccactgaa	gtcatttcca	ggtatggaga	540

ggttcaaagg	ccaatatattc	catagccgcc	aatacaagca	tccagatgga	tttgagggaa	600
aacgcatect	ggtgattgga	atgggaaact	tgggctcaga	tattgctgtt	gagctgagta	660
agaatgctgc	tcagggtttt	atcagcacca	ggcatggcac	ctgggtcatg	agccgtatct	720
ctgaagatgg	ctatccttgg	gactcagtgt	tccacaccgg	gtttcgttct	atgctccgca	780
atgtactgcc	acgaacagct	gtaaaatgga	tgatagaaca	acagatgaat	cggtggttca	840
accatgaaaa	ttatggcctt	gagcctcaaa	acaaatacat	tatgaaggaa	cctgtactaa	900
atgatgatgt	cccaagtcgt	ctactctgtg	gagccatcaa	ggtgaaatct	acagtgaag	960
agctcacaga	aacttctgcc	atctttgagg	atggaacagt	ggaggagAAC	attgatgtca	1020
tcatttttgc	aacaggatat	agttttctct	ttcccttctt	tgaagattca	ctcgttaaag	1080
tagagaataa	tatggtctca	ctgtataaat	acatatccct	cgctcacctg	gacaagtcaa	1140
ccctcgctg	cattggtctc	atccagcccc	taggttccat	tttcccaact	gctgaacttc	1200
aagctcggtg	ggtgacaaga	gttttcaaag	gcttggtgtag	cctgccctca	gagagaacta	1260
tgatgatgga	cattatcaaa	aggaatgaaa	aaagaattga	cctgtttgga	gaaagccaga	1320
gccagacgtt	gcagaccaat	tatgttgact	acttggaaga	gctcgcttca	gagatagggtg	1380
cgaagccaga	tttctgctct	ctcttggttca	aagatccctaa	actggctgtg	agactctatt	1440
tcggaccctg	caactcctat	taatatcgcc	tgggtggggc	tgggcaatgg	gaaggagcca	1500
gaaatgccat	cttcaccag	aaacaaagaa	tactgaagcc	actcaagact	cgggcccctga	1560
aggattcatc	taattttctca	gtttcttttc	tgttgaaaat	cctgggcctt	cttgctgttg	1620
ttgtggcctt	ttttttgcca	acttcaatgg	tcctagtcag	cataatgctt	tgggctttat	1680
tatcttgtca	gtcactacct	cctaaagaaa	aaaaaaaaag	ctaaaaaaaa	aaacattaca	1740
ttcatgttct	aattataaat	tttaaagtta	ggtactacag	gcagggggga	aattgtaaag	1800
aattacaaa	attaggctta	tgtacaaaac	caaaatttgg	ccatgaaatt	ttgcctttcc	1860
atgcttcctt	cagttcacca	aagttaccaa	aatgtaaaa	aaaataaaac	tggctcaggt	1920
aagtagggct	gccaaccc					1938

<210> 5879

<211> 2789

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (438)...(1674)

<223> similar to gi36603 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5879

cccacgcgtc	cggcgatgcc	taagcggttc	accttttagc	caaggctctc	cagcgttctt	60
agagcggaga	agaaagcgct	ccgaagagct	agagctgaca	ctcggcgatg	agctaagacg	120
ctgtttcaga	gcgtttgggt	cctctgaggc	cccttgacca	ggagtgtctc	tgaagataca	180
gtccaaagaa	agttctccaa	aacaaggaga	gcagtctgaa	gctggggatg	gcaacagcat	240
tggtgagtgc	ccattccctg	gtccccctga	atctgaagaa	ggaggggctt	cgggtagtga	300
gggaggatca	ctactctact	tgggaacagg	gattcaagct	gcaaggaaac	agtaaaggcc	360
ttggacagga	gccattgtgc	aaacaattca	ggcagttgcg	ttatgaagag	accacaggac	420
ctcgagaagc	actaagtcgg	ctccggggagc	tctgtcaaca	gtggctacag	cccagagacc	480
ataccaagga	gcacatcctg	gagctgctgg	tgctggagca	gtttctgatc	atcctgccta	540
aggagctcca	ggcccgggtg	caggagcatc	accagagag	cagggaggac	gtggttgttg	600
ttctggagga	tttgagctg	gatcttgagg	aaacaggaca	acaggtggac	ccagaccagc	660
caaagaaaca	aaaaataactt	gtggaggaga	tggcccctct	gaaaggagta	caggaacagc	720
aggttcggca	tgagtgtgaa	gttacaaagc	ctgagaaaga	gaagggtgag	gagacaagga	780

ttgagaatgg	gaagcttatt	gtagtaacag	actcttgtgg	aagagtagag	tcattctggga	840
aaatatctga	acccatggag	gtcataatg	agggctctaa	cttggaagg	catcaggcca	900
agcccaaaga	gaagattgag	tataaatgct	cagaacgtga	gcagagattc	atccagcact	960
tggacctgat	tgaacatgcg	agtacacaca	cgggaaagaa	actctgcgag	tctgatgtgt	1020
gtcagagttc	cagtcttaca	ggacataaga	aagtcctctc	ttaggagaga	aaggtcattc	1080
agtgttcatg	gagttttggg	gaaagccttt	cagaggagtt	cacacctcgt	cagacatcag	1140
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cattgtggaa	aaaatttttag	gcgcagctct	caccttaatc	gacatcagag	aattcacagt	1320
caggaggagc	cctgtgagtg	caaggagtg	ggaaaaacct	ttagtcaggc	cttactcctc	1380
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gctttcagtt	tgacctcaga	ccttattcga	caccacagaa	ttcatactgg	agaaaaacct	1500
ttcaagtgt	acatatgcc	gaaagccttc	cgactaaact	cacaccttgc	tcagcatgta	1560
agaatccaca	atgaagaaaa	acctatcag	tgtagtgaat	gtggagaagc	cttcaggcaa	1620
aggtcaggtc	tttttcaaca	tcagagatat	caccacaaag	acaaactggc	ttgatgaggt	1680
gttctctcct	tgtagaacat	cagagaaggc	acattgacta	gcaaacagca	ctttaggaaa	1740
agtcaccgta	gcccactgtg	gcatcagaaa	attcttgggg	gctgagttgg	aggctccctg	1800
cctctattct	ctctcctttg	ctttccttga	agtcagcttt	ggaccacaat	aatttcactg	1860
tagatgat	gctaggatca	aagttaaaca	gcattcttca	ctgcaggaca	tctcagagca	1920
tgtaacataa	ctgcatgatt	atatactcta	agcaatagag	agcttcatga	ctgagtaaga	1980
gttttgaagt	cagcagtgaa	tcaagtgc	acagatttgc	aggcttaagc	agaacaaggg	2040
aagattgata	tttttggata	tgctatagca	gctttctcct	atgaaataaa	actgatgatg	2100
tttgaagta	tactactctc	aaaggtgtct	ttaaagtaca	ggttaatggt	gaacattttc	2160
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ttcatgtaat	tttaccattt	cccatcccca	ttccccacca	cattatgtca	agattcaagt	2340
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tgctgaatta	atctgaatag	caactgtctg	acttgataac	tccagtgcc	gtatagtggc	2460
tgctgcatag	acactattca	gtaaatgtct	gatgaaagaa	attggacttt	ttccctttaa	2520
tactgatgat	gcaattttga	aatgttgctt	gttctggaat	acttcggaag	ttaaacaata	2580
aagtcagctt	ggagaggaga	tcattgatctt	tatactgtga	atagcagaat	gtcacagatg	2640
aagaatatta	aaattagggg	cgtccactcc	aaaacatatc	accagagtga	caacttcagc	2700
cctcagcctc	tgcaatccat	atatatcctg	gtcttggggg	tccatagaat	actgtttcct	2760
tctaataaag	gtttcaaaaa	aaaaaaaaa				2789

<210> 5880

<211> 2966

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2836)...(86)

<223> similar to gil702932 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5880

tttttttttt	ttatatagag	attgtacatt	tatttattac	tgccctatc	tattaaagtg	60
actttctatg	agccaaggtc	ttttactttt	tcttcttgcc	tttaggggct	tcaggggggt	120
tccctcagc	tacagccaac	tgtttcttta	gatccaagag	tttcgccacc	tccgcagcaa	180



cctcggttctt	gtctgccttt	tgtgctttca	gttctcggac	aatgtttcct	tgttttgtca	240
cttcatccat	cagcgcttgt	atctgctgtg	gcttggctgt	tgtaacagtc	tctacaactg	300
ctggcttcgg	ggacgttttt	gcctggcccc	ctccaaagcg	ctgccttaaa	ctttcaatct	360
ggtcattttc	caatttttgg	aacaagggac	tgactgtgcc	aatctggtgt	cctgctggta	420
aggtacacag	gaattttgtc	agcaggatac	tgcaggctgg	aggtgggagc	tgcagctggg	480
cctggattgt	ggcactaacc	gtgggcatgt	aaggctgaag	catgacagag	agcaaggcag	540
ctatattcac	tgccaagcca	gtcactgttc	ctgcccgttg	cctgtcagcc	tcactgcctt	600
taatccgctt	cccagggttc	attcacctgg	aatatattgg	ttgccatgtc	ggagatatgg	660
tgaggatact	gcgcaaggca	tcccggatcc	gaaccttctc	aagtagcttg	gtgatagtgc	720
tggagctcca	gggtgacatt	gggccagcag	gcgctgatca	tcaggggtga	gcaccatctc	780
aggcacatag	ccccccaaag	aacttagaca	caaacatccc	aagctctgtt	gatgaagttg	840
cccagggtgt	taagcagctc	aagaattatt	cttcagcagc	aggtccgtcc	aggagaaagc	900
actgtcgctt	gccctcaggc	cgaatgtaca	gcaagataga	agcgcgagat	gtcaggaggg	960
atccccgtgt	cgtgggcccc	tgtcccgaaa	cactcccaca	ccgcggctct	tagagaatth	1020
tcccattcctc	atagttcagg	tactctgtag	caatgaggtg	gctgacacaa	ggtatagtta	1080
tcctcagctc	ctagggctga	gctaggaaag	actaagctat	ggaaaggaac	attgtctttg	1140
gcccattgaac	tgatacaggt	cgacttgctc	tgggttcggt	ccaccatctc	tcccactggg	1200
ctgtgtagtt	ggctgtgatg	gacagatagc	caatagtggc	atcaaaccag	acatagaata	1260
cccttgtctt	caaaaccttc	ttaaggggta	ccagggttcc	cccaatttga	ggtctcgggt	1320
ttattgccag	cgtggctttg	agggccattc	ccggaagcca	aagaacgggg	tgataaactg	1380
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gcagacttta	cactgaggct	tcttaagctc	gacagcattg	atgagcttgc	cacacttgct	1560
acactgggtca	ccccgagcct	cctcatagcc	acagaaggga	cacacgccct	ccacgaagcg	1620
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gtctctgttg	ctgtaccata	ctcatctgtc	ccacacagat	agagggtggt	ccactggcgg	1920
aggcgagagt	acctggcaaa	gacatcggca	ctgagcacac	aaccaatgat	gttccccagg	1980
tgggggacat	tgttgacgta	agggagggca	ctggtgatga	gcacattcct	ttctccagcc	2040
acaggcaaca	ctggattctg	ctggggccgc	agcgggggca	aactttctag	gcccttctcc	2100
caagcagtaa	cagccatagc	aatctcctcc	tcagataggg	tagccagctc	ctcctcctca	2160
ggctcaattg	gtgacagccc	tttcccttca	gcggggctgg	gctggggctg	cttttgagg	2220
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cgaacagtct	catttcgccc	tgaatccctc	gctgatttat	aaagtgcctg	cttttctgt	2880
gggaattcca	gaatagatat	aatggtgggt	gccaggggct	ggatggaggg	ggatagaaag	2940
ggatagctcc	aaggaggctg	gggtgg				2966

<210> 5881

<211> 842

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (26)...(569)  
 <223> similar to gi32472 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5881  
 aggggctggg ccctgggaga gaggaggctg tagctggggg ctccagcccg cagggcccg 60  
 cctgggtgtg tcctgcagct cctgctgagg ctgggcccag gcctcccagc cacgtgtgcc 120  
 cagctgtttg taggtccttt gaagggtgtg gtgccagggtg tttgtgcgcc cccgtgtggg 180  
 gccgatgaca gctgtgcacc tgggtgtctt gtgtgcctgg ctgccagcgc gtgtgccctg 240  
 tgcgtgtgt gtcccgagg gtccgtgtct gtgggggggt ccatgtgtac aagggtgtg 300  
 tctccaggcc tgtgtctca cgtgtgcggc cagcccccg cgtgcatgcg gggcagcatt 360  
 tatttgcact tgggtgcacat agtagcctgt gaggtagccc aggatgaaga tgatccagaa 420  
 gagggccacg ccgcccagca ccttcatggc gatgcccgag ttgcccgtgc acagcctctg 480  
 ggagatcctg cggcagcgtg aggcctcttc tgtgtctggac acagccccta ggctgactcc 540  
 gtccctgctg ccgtcctccc acctactata gtggacgtgg ctctcctggg gctgcatgct 600  
 gtggggctgc agcgggaggg gcggggcctt ctcggtgggg agatcaagac aggtggccag 660  
 gctgtggctt caccggagaa ccttgccctga gggctggggc ctctgggcca ggttgcggtc 720  
 agggcctggc cagcggcccg cacctcccag cggggcaggt cgtgggctga ggtgcggcag 780  
 acgcctcgag cctgtgtccc cgcgtctctg ggctccgcag gggccgaatt ccaccacact 840  
 gc 842

<210> 5882  
 <211> 808  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (596)...(737)  
 <223> similar to gi433816 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5882  
 gggagggtgct cagtcaagcc tctgagagga gtggggggcg gggcgaggag tctcttgctc 60  
 agagcccctt agggactggg acccgttgac tctgagctgc ttttgaggct ggatcaggta 120  
 ccagcggcct gggggtcgta caggatggga gaggccgggg cttgggatgt tgccagatct 180  
 acgttgaaaa gtgaagcagg aagagaggca ctgaggctgg gcacatgggg aaaaccgtgg 240  
 agagccggcc tttggggact agaagagtgg gaacaatggt tgacaaatgg tgagtgtggg 300  
 gtagaacagc agtaacacaa taccaggatc cacagagtgg ccagggccag agtggggaga 360  
 aggaacagga ctctgcagat ggggagggtg aggggctggg tggcgtgaag ggtggttgca 420  
 gaattcgggg agggcagcta gcctgtgacc caggttccaa gggcactgag gtctgggcca 480  
 ggccgcttgg aggcaccaga gcctcagagg aggggtgggg tagaggaacg gatccagcat 540  
 ggtgtccccc ttggccacca gagggagttt tctaaatttg agcatggctc atcgtgctt 600  
 gaaattctac gtcacagtgt ggcctgcatt gaggagggcc cacacctgtc gctacctcag 660  
 actcacctgc cacctgcctc aagtgcattg gagagaacag gaaaccagaa attgtcagga 720

```
tcgaggatta tgggaaaaga gtaaaagcct agctgtcaga tctgaggttc caccaaggag 780
cactgatggg tgcttctcat taggaagg 808
```

<210> 5883

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (86)...(507)

<223> similar to gi200543 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5883

```
agcgtggtgg aattcccgcg ggtaaggccc tccctagacc ctttatacct actttacett 60
tcggaggtca agacacctcc tgttgccgcc tcctcgccca acacacaggc gccccccgca 120
cgggtaccaa gcttgactaa cggcctctag ggggtgtgtg tgggacttga aatcctccct 180
taatgaagtc acaccttctc cgtccgcttc cacccggtcg gcccatggca gagcccccat 240
gtagcccagg aatcgggcttg gcccttcggg gaggtcagcg tccttactat cccactctc 300
cagtgcggca cattcgttcc ctaggactc cggccgggtg ccggccccag gcggtgcttc 360
tccccaccac cgcccagctc agctcagccc agcccagccc actctgccct tagaggcct 420
tctcccaaaa gacgcactcc agaagtctcg ccctcgtagc gctgaggagc ctgggatccc 480
agacctgaac aaggtgagca tccctatatt ttagccaga aagatctgtg tggtcactt 540
gccggcctcg ttctgtcaca cagagtccag atttagcctt gagttttcct agtgaaagac 600
agaccctggt atcactatga ccttcctcag gctttcttac cccgcctcag aaagcagtga 660
ggtgtctgct ttctcccagg gcttctttag ataggggtct taac 704
```

<210> 5884

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (616)...(226)

<223> similar to gi159167 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5884

```
agtcgggcag cctcccagat ctctgacaac ttacaagct gcaggggaga ccagcgataa 60
ccctgaaacc ttcccatgta acccccaggg cgctggccag accaagagca gctgccacat 120
caggctggtg ccagcagtcg ctgcctgcc cactgcccc ccaccaggcc actgaatgag 180
```

gcagctggga	gaggcaggaa	gaggggcttc	aggctgaatt	cttgatttga	cccttcttgg	240
cccttttgc	tgggagacct	ggaactgaag	ggcatggaac	cccccttga	ccctgtgggc	300
aggaaaactg	ctccccttgt	ccctgcctgg	gggtaggaca	gataaggctg	ctcgtcctgc	360
ggcggccccc	cagcccacct	gcttcctatc	cgtttctcgc	aggatggtgc	cccttgcctc	420
ccctcaccca	ttgctcacgg	aaggaaaagc	agacgtggcc	agcctgcctc	ctctgccttc	480
cctgagcctc	ctggcctggc	tggccacagc	tggcatggac	gccatcagca	ggctccgtgc	540
aggcggacgg	ggcagccccc	acagccaggg	caccttggcc	ctcactcacc	agcacccttt	600
tgttcttttc	ctagcaaaat	atgcaaagtg	tgaccagtgt	ggaaacccaa	aggtgagtgg	660
gttcgggctg	caagccacca	aggcttcagc	tttgggggtg	ggcaggggtg	tctctgcact	720
gcttgggggtg	gcaggtctgg	tgcccgccca	gctggggttg	caacgtggct	caaggtggca	780
tggatgcctc	aggacggccc	cttgcttcca	gccaaagccc	tgccagggcc	tggaggggaa	840
gagagtctgg	gtgggttggg	gtgagggaga	ggcatctggc	ttgagagcag	ttcccagg	898

<210> 5885

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (395)...(1076)

<223> similar to gil63132 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5885

taaggaggag	agaccaaag	ggaggcctga	actctcaaac	tccgaatctg	attttcactc	60
tcccaggaag	gcttcggaaa	tactgtgga	ttgtcaatac	aggagtccat	actgactgaa	120
tccctaattt	tggcctgtat	tcttctccct	ctgtgaacca	tcttcttaga	agtcactgaa	180
ccaagagtgc	cagaaaacca	tcccaagact	cacacagagt	tggtcttcca	tagtggtagt	240
tttggccact	ggacatcaga	accacatttt	gggtttgaag	aatcttctac	atgctgagaa	300
agtggaaactc	cagagacact	cctgaaattg	tcctaagtca	aaggagccaa	acggtgtacg	360
agctccctct	ctgccgtccc	ctctgagagc	agccatggcc	ctgagtgatg	tcgatgtgaa	420
aaagcagatt	aagcacatga	tggctttcat	tgagcaggaa	gccaatgaga	aagcagagga	480
aatcgatgcc	aaggctgagg	aagagttaa	cattgagaaa	ggacgcctcg	tgcaaaccga	540
acgactgaag	attatggagt	attatgagaa	aaaggagaag	cagatagagc	agcagaagaa	600
aatcctgatg	tccaccatga	ggaatcaggc	gaggctgaaa	gtcctgagag	cccgaatga	660
cctcatctca	gatttgctca	gtgaggcgaa	gctgagactc	agcaggattg	tggaggaccc	720
agaggtctac	caggggctgc	tggataaact	ggtgctccag	ggtctgctcc	gactgctgga	780
acctgtgatg	attgtacgct	gccggccccc	aagacctcct	cctgggtggag	gctgctgtac	840
aaaaagccat	ccccgagtac	atgacaattt	cccagaaaca	tgtggagggtc	ccagattgat	900
aaagaggcat	aactggctgt	ggaatgcagc	tgggaggtgt	gggaggtcta	cagtggcaat	960
cagagaataa	aggtttcaaa	taccttggaa	agccgactgg	atctctcagc	caagcaaaag	1020
atgccagaaa	tacgaatggc	cttgtttggt	gctaaccacca	acagaaagtt	ctttatataa	1080
gcctctggga	agtgaagcta	gtgttgaaac	actaaaccat	aaaagtttaa	gttttttggg	1140
gaaaggaaac	tagtagtggt	tcctcctctt	tgatgctctg	atactgttct	gtttttcttc	1200
acgaaatacc	ctttggatag	ctaaagtgtt	aactttgaaa	taaagcccga	aatataatgct	1260
cagaaaaaaa	aaa					1273

<210> 5886  
 <211> 2966  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2967)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (23)...(2020)  
 <223> similar to gi1781037 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5886

gaaaagagga	cttattgttg	tcatggccca	tgagatgatt	ggaactcaaa	ttgttactga	60
gaggggggtg	gctctgctgg	aaagtggaac	ggaaaaagtg	ctgctaattg	atagccggcc	120
atttgtggaa	tacaatacat	cccacatttt	ggaagccatt	aatatcaact	gctccaagct	180
tatgaagcga	agggttgcaac	aggacaaagt	gttaattaca	gagctcatcc	agcattcagc	240
gaaacataag	gttgacattg	attgcagtca	gaaggttgta	gtttacgata	aaagctccca	300
agatgttgcc	tctctctctt	cagactgttt	tctcactgta	cttctgggta	aactggagaa	360
gagcttcaac	tctgttcacc	tgcttgccag	tgggtttgct	gagttctctc	gttgtttccc	420
tggcctctgt	gaaggaaaat	ccactctagt	ccctacctgc	atttctcagc	cttgcttacc	480
tggtgccaac	attggggcaa	cccgaattct	tcccaatctt	tatcttgggt	gccagcgaga	540
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agatgaactt	ggtttcaaaa	aaaaaa				2966

<210> 5887

<211> 2408

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2409)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2240)...(835)

<223> similar to gil850772 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5887

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taaaccatt	tggttagagt	tcccccta	gattatgact	gagaccatga	taagattttg	180
gttgttctca	cccaactgtc	tctaagcctc	tactcaaacc	tgactcaagc	agagatgtgc	240
acacccaca	gttcagaaca	ggaaggaatc	atgtcagatc	tgatcaacct	cccattcttg	300
ggctattaga	ggcacaagaa	attaccttga	aaaaatggaa	ttcagtgact	gccatctagg	360
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ccctccactc	tactctagga	acaaggagca	ttaggtctgt	tttctctcca	tacacctcaa	480
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ggctgagg						2408

<210> 5888

<211> 4369

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(4370)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (3923)...(391)

<223> similar to gi532056 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5888

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gcaaaccgga	cagaccgggg	cagggcaagg	cccttgaaac	caagtcctcc	ttgagcacct	180
ttcccagggt	agaaaccctt	cttcagcctg	tgcttcgcac	gtttccttca	gcgtgccgcc	240
cattcagact	gcgccaactt	acgtccccag	tgcccacgcc	tgngtggatc	aagtgtccaa	300
cgggaaagta	tgagttaggg	caagcgcttt	ttttttaagc	tgtaaacgct	tcacatgact	360
gggccccgta	aggaaattgt	ggggagctta	ggatgagcct	gggagctttt	tcagggactt	420
ggatgaggac	tctgtacaca	aatgtgtact	ggcagagagt	ctgcaccagc	atcattctct	480

gttgccctca	gcattgtccag	cactctcggg	atgtccagca	cctcattgtg	ttccaggcag	540
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aatgagcggc	cggaggcaac	aaacccaaga	agcccacggg	gccttggagc	actcaggccc	4320
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<210> 5889

<211> 1976

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (768)...(1303)

<223> similar to gil843401 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5889

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cagccaggca	cccgggttcg	gcttgctcag	gtctctgtcc	gggactggga	agccacggag	180
ggccgggaaa	gtggcacact	cctggagctc	aagcttecta	ctctctcatc	gctgaataac	240
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gaccctttgt	ggcaataaca	aattattcgt	aagatctaag	gtcatgccag	gcaagtgtta	1920
tgatcatgcac	tcctacactt	taaaggaata	aacctatggt	cctaactgcc	acaaga	1976

<210> 5890  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (423)...(65)  
 <223> similar to gi19923 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5890						
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gggcgcgag	ggctctcccc	ggggcgagg	gacacagagg	gattctaggg	aacctgccgt	120
cgcgagtc	gcttcaggcg	gagaatctag	gcggcggcgg	ggcctccctg	aggcgaggga	180
gtcggcaccg	gggcctggct	gccggggaag	gagagcacgg	gagcggggac	tcctgtgtct	240
ggcgaggga	cacggcggtc	cggtggagg	atctgttcct	tgtacctggt	ccagggttgc	300
ggtcggggat	ggagcggtta	ccccgaccct	gcgggacctt	cttcctctgg	cggaggtgca	360
cggcgcggcg	tggagttttt	ctggcggaag	tatctgtgcg	tggccccagg	cccttcccgg	420
cgcggtctca	tctggggcca	cttggttgcc	ctcgcgttgg	ggaggttcat	gtggtgcac	480
ctgatgagaa	ggggggtcac	aggggtctcg	gggccagggt	tcagccagcc	aggccccagc	540
ttgctctctt	ctggtgctgc	ccctgtccct	gaattcatag	acccggcttt	ccctctcnnn	600
nnnnnnnnnn	nnnnnnnnnn	ntgcgctttg	cgcagttagc	agaggcaaca	gtgtcacctg	660
ggaagctggt	ttccccaaa	ggaactcttg	tctgtccgtt	gttgcacagc	cagcgca	717

<210> 5891  
 <211> 699  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (313)...(51)  
 <223> similar to gi3883128 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5891
tttcgtatca gttttctcct cttttcttcc cgcgatcgcg cggctctctg gaagccttcc 60
cactctatta ttgccgagga tccccctcct agacactctg agaaggtgcc gctccggcct 120
tggttacggc ggtacccgga tgtggagtcg ctctcgcccg gctgggactc tgtggcgggg 180
cggagcgcg cggctggtgc gggggcagag agaagggggc cccgatgagt aactcccgga 240
ataaccgggt gatggtggaa ggggttggcg ctcggttagt gcgcggcccg gactggaagt 300
gggggaagca ggacggcggc gagggccatg tgggcaccgt ccggagcttc gagagccccg 360
aggaggtggt ggtagtgtgg gacaacggca cagctgcca ctaccgctgc tccggggctt 420
acgacctccg catcctggac agcgcgccca ccggttaagc gcggccacct ggccagggct 480
tgcgcgcgcg gggggaaggg gcgagctgcg gtgggcgtcg gtgtcgcggg gagaggtctg 540
cagtgggaca cctggtgggc agcgcggcgc tggagcgagc ggaaaggcaa agcgccaaag 600
gaattctagg ttccgaacgg gtgaacaaac actttcagaa aagaccctct acccccaagg 660
gaaatgatgg cagcaccatc accgggatgc tttcaagcc 699

```

<210> 5892

<211> 1967

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1858)...(782)

<223> similar to gi3875351 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5892
ttttaaatca atagataaac atgatttatt actttgtcta ttaaagtagt ttcaacacaa 60
ttgaagttta gactgcactg ggctgttccc atcacagtcc aggattatgc acagaccagc 120
ccccaacccc agcaggggtg ccctgccaga acctgtgctg gatgcctagg agcacagaga 180
ccactgcccc ttgttgggct gcgtgtgcac aattcatacc ccgatccata atccctaaga 240
caagaatggc tgtcattgcc ctgggttcac tttctattca aagaggactc atttgggcac 300
agccaatgta gtagttaaaa tgcattttga gaaaaaataa atattctgta caatgtattt 360
acaaggatca aatgttttgt aaccaccccc caattagttt cccaattggg aaactataat 420
ttgataatta agaagccata ttattggccg ttagtgtcac gtcaacaaag aatgtggagc 480
tgaccaccta aagtattttt gaactatata tatagagaga gagagagtac gcaaaatttc 540
acattttaat atgcttagaa ggagttttta aagaagtaga aatgatttcc ttggcctctg 600
actttcagtg atgaaaatgc aaccatgcag tcccccttt gcagaagggc agttcttccc 660
aggctttctg gaagcagggg cttccgagga gtctccaccc acctcacaga aactcacta 720
tgagccctgc acagacagca ggattcacia tctccaatag ggatggcagg ggcagccctt 780
aaaacttgaa gaggtcgatg aagtgtctgc gagacacagg cgtgaagcag ctgtcagggt 840
cggccgcggt gcaggggtgt cctgagtcct tccaaaagag aatgtctgag tgccgacaga 900
aatgcagtgt gtctccgtac tgctccttcg ctgggtaatg tttctgaagt gcaaagtaca 960
tcaacttcca ttcaatatga cttttttctg aaaggatcaa atgtctacaa aactgctttt 1020
cagcaaaatg gtactgacaa agcttcttcc acagctgtct gtcttacta agcatatata 1080
acgtgggggt cacctggcct aaggtgatga tgtcccatcc gtctgagaac cggatatagga 1140
tgttggtcag catgtgcaga ggaaggtcac tgagggtgag gccattgttc acttgcttag 1200
tcatctgaag atcctgtagc tgttggtgac aggcgagaat agtttctaata cggcaaatcc 1260

```

aaatattgat	gtttccact	aatacagact	tccctactcc	tctaataaga	atgcagaggg	1320
tagagcttag	gtcttgacaga	agatctttga	ttaagcgagg	attgtgggtgg	tcatcaagaa	1380
ccttttgaac	gattttatcc	aaaatgttga	agtaattctt	ctgtgccacg	ccactcaatg	1440
aagttaactg	ggattttgca	attagctgca	acagtttgac	cacataattg	aaccttcgga	1500
tatcttgaat	tgcacttgag	aagtctaacc	gattaaaggc	ttctcccaag	gtgcaatagc	1560
catgcctttc	ctttgtgctt	tctttatgga	catagatcca	tttttcacga	taaaaacttt	1620
gagtatttgt	gtcattttcta	aaatggctct	ttttcctttt	tttcgatgca	tattcatgct	1680
cttcattatt	gaatattttct	ccatcttcac	tatttaagat	aatgctgtga	ctgatgttac	1740
aatggttatt	ctctctttca	agtttctgac	tacaagattc	acatctcttc	cagccatctt	1800
ctgtcttaat	ccaactccat	ccaggagatc	tccagtcctg	acccaaaaat	ggcatagttc	1860
tcctagcgcg	cctgcgggcc	ccagtcttca	cctgacgcgc	ccgcgtcccc	cagtgcccaa	1920
cgggcgcgc	ggccacctgg	gcccgcacct	gacggcgacc	aggcggt		1967

<210> 5893

<211> 1086

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (786)...(360)

<223> similar to gi4033606 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5893						
aatacactgc	tggggtggca	atctgccaag	ggccccgaggg	caacactcct	ttacataaag	60
tgaaaaagat	ggcaaccaca	cttctgctga	atacagaggt	ggagcatagg	gtaatgcaag	120
tccaaacaag	cttcttgctg	ggctggctcc	ccagtcttgc	ttagagaatg	tgagctgccc	180
ttctgtgctg	cgttcagcct	gaccaccctt	gctctgcact	aataatgaat	aagcttcgtc	240
cctatctttc	cctagcctgg	caggccattg	taaaacttta	tgcataagag	tcacacttta	300
gattttgtac	cctacacact	tccactgaag	cagaaataca	aaagccacaa	taatctcaat	360
agccagcagg	cattcctctt	tagggactgt	aagggtgggtg	cttttcaaaa	ggtggatagt	420
aggggtggaga	gtaacggggc	ggtgcacttg	aggaccacat	gtagctgggt	gagggagagg	480
cagactggggg	ctcatcagaa	agtccagagg	gaggggagga	tggaaagaca	ccggaatgct	540
gaaagtcata	agcagaatat	ggtggcaggt	gaggagggct	atggtagtag	gtattgtagg	600
atgccacttg	gggatgagca	tagtaagaaa	ctgttggtatg	ggtattttca	acagaacagt	660
tcagtgtctg	gagagtggg	ttcatgtcct	taaagcctcc	aaggacagcg	gcagtgatga	720
tgcccaggaa	caggccaaca	atgttgagga	tggtggcaga	ccagagcagg	tggtagaggt	780
ggatgatatc	ttggcaactg	ctgacatcga	tgtattcgta	gtaccacca	gtgatctcca	840
cccggttgcc	acagttgtag	aggtcacagc	agaagcaggt	gttgccccgg	atgcgaggtg	900
tgcagaattc	acggctgagg	tgagggcagt	taacctctct	agctgcctgg	gtaaggttcc	960
tcataaccct	cgtggaagga	gaatttttgg	ttgaggaact	tatgacctcc	tcagcttcct	1020
tctgtgatgt	cttggaaca	taatggcacc	gggtagcgta	gagtggtttc	agatcaatgt	1080
gtctgg						1086

<210> 5894

<211> 675  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (169)...(502)  
 <223> similar to gil68455 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5894

gacctacacc	cgctcgcgct	ccctccactc	ccagaccccg	gcctaacacc	cgctcgcgct	60
gcctccactc	ccagaccccg	gcctaacacc	cgctcgcgct	ccctccactc	ccagaccccg	120
tcctaacacc	cgctcgcgct	ccctccactc	ccagaccccg	tcctaacacc	cgctcgcgct	180
ccctccactc	ccagaccccg	tcctaacacc	cgctcgact	ccctccgctc	ccaggcccgg	240
cctaaccacc	gctcgcccca	gaccccgctc	taacacccgc	tcacactccc	tcactccca	300
ggccccatgc	atgccttggg	agcccagccc	ttctcggtgg	gcagatctca	gcactacca	360
ggcgccctgc	tctcccacct	agtgggccct	ttctgactg	cactgccaa	caggagcctc	420
caggggccctc	ccgctgcctt	tgtggctgcc	agagtccctg	tcctcttget	ttgtctcctg	480
ctgtctccct	ccactcccaa	acctttacct	atgggtgtga	tttcatcccc	aggagggaag	540
caccagggaa	gcacatagcc	caagtgtcat	ggagcccagg	cctcaggtcc	cgtatggagc	600
ctgtgctcag	gactgcagag	gcagtgcgtg	gccaccttgc	cgtggagcag	gcctgggctc	660
cccgggtgag	gtcct					675

<210> 5895  
 <211> 2000  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (358)...(1389)  
 <223> similar to gi3878668 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5895

cgggctgggg	gaggggagcg	tggggccgac	agttttgggg	gtgaaaaggc	aaaaggcggg	60
tgaaaggctg	cctcccagag	ctctccttgc	ttggaattct	gccactctg	cggagtttagc	120
agtcacgacc	tccagcacag	gatgtggtac	cacagattgt	cccacctaca	cagcaggcctt	180
caggacttgc	tgaagggagg	agtcatatat	ccggcccttc	cacagcccaa	cttcaaaagc	240
ttacttcctt	tagctgtcca	ttggcaccat	acagcctcca	agtctctgac	ttgtgcttgg	300
cagcaacatg	aagatcattt	tgagctgaaa	tatgctaata	ccgtgatgcy	ctttgattac	360
gtctggcttc	gagaccactg	ccgctcagca	tcgtgctaca	actctaagac	tcaccagcgc	420
agcctggata	ctgccagtgt	ggatttatgt	atcaagccaa	agaccattcg	tctggatgag	480
accacactct	ttttcacttg	gccagatggt	catgtgacta	aatatgattt	gaattggctg	540
gtgaaaaaca	gctatgaagg	gcagaaacaa	aaagtcatcc	agcctagaat	actatggaat	600
gctgaaatct	accagcaagc	ccaagttcca	tcggtagatt	gccagagctt	cttagaaacc	660

aacgagggac	tgaagaagtt	tctgcaaaac	tttctgctct	atggaattgc	attcgtagaa	720
aatgtccctc	ccactcaaga	gcacacagag	aagttggcag	aaaggatcag	cttaatcaga	780
gaaaccattt	atgggaggat	gtggtatttc	acttcagact	tctccagagg	tgacactgcg	840
tacaccaagc	tagctctgga	tcggcacact	gacactacct	atthttcaaga	gccctgtggc	900
attcaagtgt	ttcattgtct	taaacatgaa	ggaactggtg	gcaggacact	gctagtagat	960
ggattctatg	cagcagaaca	ggtacttcaa	aaggcacctg	aggaatttga	actcctcagt	1020
aaaagtgcc	ttgaagcatg	aatatatattga	agatgttggg	gaatgtcacc	aaccacatga	1080
ttgggattgg	gcccagtctt	aaatatctac	ccatggaata	aagagctgta	tttgatcagg	1140
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aaactaaagc	ctggcagggg	cctatttata	gacaactggc	gtgtcctaca	tggcagggaa	1320
tgcttctactg	gctaccgcca	actgtgtggc	tgctatttaa	caagagatga	tgtattaaac	1380
actgctcgcc	tcttggggct	tcaggcttaa	aattgacagc	atctggatta	tgaatacacc	1440
tggcaccctg	gctaccagaa	tttcatatgg	gcagaataat	attgtgtcaa	actctacttc	1500
agattgtctc	cttatcccat	cccacaaaac	agaatctgtc	cgtttctcta	gtaagggaga	1560
cttggtggag	aggcgggact	ctgagttatc	taatgtcaga	catctagtgg	ggcagctctc	1620
ttcctcatgt	tataacatgg	atccacttgt	tttattttaa	ccttttaata	taattttggg	1680
cagtctcctt	cagaaatata	atctccatat	tgataggaaa	gcaataattg	ccatgaggta	1740
acgatttttt	tcccaagtag	atcagttaga	aagaaatgca	ttctagaaat	aacaaaaatc	1800
ctgataaagc	aacaatttgc	aaaatgtttg	gtcttaggac	accttaacac	tcttaaaagt	1860
tattgaaggc	cccaaggagt	tcttgggtgt	gggttctatc	tattgatact	aactatttta	1920
ggtattaaga	ctgagaaata	aataaagctc	aagaagaaca	cagaagccct	gtattgcggc	1980
cgggcagagg	ataccagcag					2000

<210> 5896

<211> 3775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2313)...(1507)

<223> similar to gi5542020 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5896

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ttttggtttc	attaatactg	tatactttta	ctgctttaag	atgttaagag	agtaatcctg	120
ggaaaaataa	acacatacaa	ctttcaaaaa	agacaggtgg	tgtatgccct	aatatattaa	180
ttgctcatta	aaggaagtgg	atacaagcat	taagatgaat	catagcttca	gtcaagaggc	240
tccacatata	taggctgccc	cggctccctc	tcctaaatca	tagacatcgt	atgtagtacc	300
accttctacc	aatttgattt	tagaattagt	aactgacaca	aagcattcta	ggacagacgc	360
catactatta	tctcccacat	tgacatttat	taataacatt	tctggcaaaa	acaagtaaca	420
agttcaataa	ctgaattcac	atcaacaggt	ttcattttga	tccattagcc	aatttggaaa	480
aaagccatat	tgatcaaagg	gattaaaatt	aaaaagcacc	ttttccttgc	tacatataga	540
ttcttttaac	taaaactcca	agcagggatc	agatacaaaa	cccaactgca	ggattgtttt	600
tattgactat	gacatggact	tgttgcttac	atttttttaa	agtcattcatt	tatacagtta	660
tttaaactct	attgggcaga	aaactgaaaa	tacaattgtg	agaattatac	tccatagtaa	720
atacctatgt	acttaatact	gaattcttgt	gtcactgaga	accttaaccc	tactctaaga	780
catcttgcca	taacctgcaa	ctatcaattt	tttgagagaca	tttttggtat	ttcgggtcaag	840

tgctgaaggg	gttttactcc	aaaatctagg	gctagaattc	agcttccaac	actctcatat	900
ccaggtaaca	caattatgaa	tattcagaaa	tcaatacctc	ttagatcatc	aatgtttcag	960
agctatgcct	gataaatgac	atltgaaaaa	taataatata	gaaataatta	gctgaattta	1020
tactcctgaa	gccatttcat	cttttaggctt	tatatttaca	gtgttggtcca	ggagggaacta	1080
aagaaaaaag	ttacactaat	tatttgtcaa	gctctattcc	agatgtctgc	ttaaagacttg	1140
cagtttacgc	agagggtgaac	cattatcctc	taaaattaca	ccacactact	tcttgtagaa	1200
ctaatagtaa	aatacatcaa	cccaaactct	atgaaggcag	cacatcttta	ggagtaacta	1260
gtatataaaa	agtatcaaca	tcaagtgttt	gaatataaaa	atltatltttt	aagtcaaagt	1320
atgcaacaaa	taaacctaca	gaaaacattt	tcccatcaca	atctgttgct	ttaccaaata	1380
atattttgaa	aacacattcc	ttcagtcatt	ataaagttct	taaaatacaa	aagaaattaa	1440
atctgtaaga	aagtctagta	gaccagatgc	tggtgtcaag	acttgtagtg	tggtgttttt	1500
gctttcagta	catcccacgc	catccacctc	cactcatgcc	gccttgccca	tagtaacctc	1560
cactgcctcc	accaccacgg	ccataaccac	ccaaaccatc	aggagtacca	tatcctccac	1620
tgtaattgtt	ccccattccc	attcttccaa	ctgatccata	gcctccctga	ttatccattc	1680
catctcttcc	gtagcctccc	attccagaac	ctcccattgc	agagccgcct	ccaggagtag	1740
aattcaagaa	gagttcaata	tatcgatgtt	gcatgttatt	tttatcttta	gacatggcag	1800
ctactgcate	ttcatgtgtc	acaaaactct	acatctggct	ttcttccttg	tggtctctggc	1860
catcagcttc	ccaatatcaa	tatgaacttc	gtattggatt	tatgtggtga	gaagaaatta	1920
gcaatgtcat	tttcagttgc	acgaaaaggc	aacctctctc	tatgtacgaa	atgaccacca	1980
tgaaaacctg	aacttgcatc	accagctcca	ccatagccat	gtcctcccat	acctcttcca	2040
tctctcattc	tgtcatcaaa	gccatcattc	cccatagccg	taattattat	agccaccata	2100
gtcatcaaaa	cctccataac	caccatcata	tccatcacct	cctcgtcgca	ttctgtcata	2160
catacttcca	cgcccagctc	cataataacc	ccctcttctc	cctattgggtc	tatcatatgg	2220
tcccgggttcg	tgtcccagca	atcttcttgg	tggatcataa	aatcctttga	tttcaactct	2280
gctacttctg	aagatctcaa	tatacctatt	taaaaatgtt	ttaagggtaca	gggttccagca	2340
taaatgtatt	agtgtaaatt	agatactggg	caaaatgcag	taagtttttc	tatatctaga	2400
tacataaccc	aattttaaatt	gcctaaatac	accgtaagtt	aacagtttaa	acctacaaac	2460
ttaattaaat	atttaagttt	tacaaagaaa	ttagtcacgg	aaaacaattc	ataaagtata	2520
tttttacttt	gtctctttta	gtacataata	gggtgtttta	aggaaatagg	tgattataca	2580
aaagcattta	tcaacaacat	cctacagaga	aatggaaaca	atctaatttt	aattttaacta	2640
ttagcattaa	ttccccaccc	aaatctgtag	tttccaagtt	aaatttagat	aattatcaat	2700
tcttttaaac	taccccagaa	aaatgttatg	gctaccccc	cattttaagca	atagtgaccc	2760
acaaccccca	aaaataaaaa	tttaacacca	tcccaaactc	tccatcccca	cctgtgcctt	2820
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aaggcctccc	ctgtgcttct	cccctggtag	tccatcgtca	atgttatccc	atttggcagc	2940
atttccaacc	ctttaaccce	aggacaaata	accccatcaa	ggggaacagt	gttaaaggct	3000
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actggattaa	ataaattttt	tgcgaccagt	gtaaaaacac	tgtgtaatta	cacactctaa	3180
aagcccacct	atattacatg	aaaaaaggct	acaaaatcaa	atatatgctc	catatactaa	3240
ttcacgggtc	atttcatcac	aattctcaaa	tatgttactg	cacattaatt	aggttttaca	3300
tattctacac	attctgtatt	gaatattaac	tggagcatat	tattttaata	cattaaccaa	3360
gactatcata	gttaaaactta	aaagttccaa	aatcaaatgg	gttttacaaa	ttaaaaacag	3420
taaaacaata	caaatataaa	attacaatac	tactaaactt	tgactaatat	tagaggtacc	3480
ttgaaagaac	tgaactattt	cctctttgct	gcaaccaa	ggtagtccac	gaagtcgtac	3540
tgtcccatca	ctagcgtcat	ttggaccatt	atgtttcata	acccaatcca	tctcaatacc	3600
gtttgattta	aatgcccctt	ttacttcaga	taccctgtca	ggcgatagtt	acgccgactc	3660
tggtgctcgc	gggggtccagt	tcaaagaagg	gagaagtcgt	ttgcctcgtg	tagcgtcgcg	3720
cacaacgggt	ctcccaaccg	tctccagcgg	tgacaaccgc	ttaggaggca	cgaaa	3775

<210> 5897

<211> 595

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (105)...(482)

<223> similar to gil345531 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5897

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acaaataaat	acgcggggac	acaataagtt	acactgttag	gagccctcct	cctagggctg	120
gaagagagta	tgccattgtc	cacagcaggc	ccaccctctc	ccttctctcc	cctcacacag	180
cctttccag	ccctgtacag	gaagaaggca	agtataaaat	accactgaac	cccggggcca	240
agtgggaggc	cccacccacc	cttcccccca	aacacacagg	aggctccatc	tccctccccc	300
caccctgaaa	acattcacag	ccctaggagc	aggattaggc	ccaccccaag	ccctgcactc	360
cctctgaagg	ggcacagcac	cctgtccacc	ccacctccat	atgtacatcg	ctgcccgcaca	420
ctcggggcag	tgggggtagg	agagacaaag	tgatacgacc	ccttcccctt	catagctcca	480
atgactcatc	aggaggacac	atgccatggg	aagatttgac	ggagaaagga	aggctatgca	540
cgtacgagca	ggtgacatgt	acgcaactat	aagcacacag	aaacccatgt	gcaat	595

<210> 5898

<211> 2921

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2922)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (358)...(2122)

<223> similar to gi5912193 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5898

gtggccatag	agcagacatc	tcttaagatg	atgcaggcag	taggaggtgc	acctgcacgt	60
cccactggag	aatatatctg	taatcaatgt	ggtgctaagt	acacatccct	agacagcttt	120
cagactcacc	taaaaactca	tctcgacact	gtgcttccaa	aattgacctg	tcctcagtgc	180
aacaaggaat	tccccaacca	agaatccttg	ctgaagcatg	ttaccattca	ctttatgatc	240
acttcaacgt	attacatctg	tgagagttgt	gacaagcaat	tcacatcagt	ggatgacctt	300
cagaaacacc	tgctggacat	gcacaccttt	gtcttctttc	gctgcaccct	ctgccaggaa	360
gtttttgact	caaaagtctc	cattcagctc	cacttgggct	gtgaagcaca	gtaacgaaaa	420
gaaagtctat	aggtgcacat	cttgcaactg	ggacttccgc	aacgaaactg	acttgcagct	480
ccatgtgaaa	cacaaccacc	tggaaaacca	agggaaagtg	cataagtgca	ttttctgcgg	540
tgagtccttt	ggcaccgagg	tggagctgca	atgccacatc	accactcaca	gtaagaagta	600



caactgcaag	ttctgtagca	aagccttcca	tgcgatcatt	ttgttagaaa	aacacttgcg	660
agaaaaacac	tgtgtattcg	aaaccaagac	acccaactgt	ggaacaaatg	gagcttccga	720
gcaagtgcag	aaagaggaag	tggagctgca	gactttgctg	accaacagcc	aggagtccca	780
caacagtcac	gatgggagcg	aagaagacgt	tgacacctct	gagcctatgt	acggctgcga	840
catttgtagg	gcagcctaca	ctatggaaac	tttgctgcag	aatcaccagc	tccgagacca	900
caacatcaga	cctggagaaa	gtgccatcgt	gaaaaagaaa	gctgagctca	ttaaagggaa	960
ttacaagtgc	aacgtgtgct	ctcgaacctt	cttctccgaa	aatggcctcc	gggaacatat	1020
gcagaccac	ctaggccctg	tcaaacacta	catgtgccct	atttgcgag	agcggtttcc	1080
ctccctttta	actcttactg	aacacaaagt	cacgcatagt	aagagtcttg	atactggaaa	1140
ctgccggatt	tgcaagatgc	ctctccagag	tgaagaggag	tttttagagc	attgccaaat	1200
gcaccctgac	ttgaggaatt	ccctgacagg	ctttcgctgc	gtgggtgtgca	tcagacagct	1260
gacctccacc	ttggaactca	aaatccatgg	gacgttccac	atgcaaaaga	caggggaatgg	1320
gtctgcagtt	cagaccacag	ggcggggcca	gcacgtccaa	aaactgtata	agtgcgcata	1380
ttgcctcaaa	gaattccggt	ccaagcaaga	tctggtgaaa	cttgatatca	atggcctgcc	1440
atatggtctg	tgtgccgggt	gcgtgaatct	cagtaagagc	gccagcccag	gcattaacgt	1500
ccctcccggc	acgaatagac	caggcttggg	ccagaatgag	aatctgagtg	ccattgaggg	1560
gaaaggcaag	gtggggggac	tgaagacacg	ctgctcttag	cttgcaacgt	ttaagttttg	1620
agtcttgaaa	gttgaacttc	cagaaccaca	tcccaaacca	ttccaccgag	gagtttcttg	1680
nccagacagc	aacagcacac	agttgaaaac	gccccaaagta	tcaccaatgc	ccagaatcag	1740
tccctcccag	tcggatgaga	agaagaccta	tcaatgcata	aagtgtcaga	tggttttcta	1800
caatgaatgg	gatattcagg	ttcatgttgc	aaatcacatg	attgatgaag	gactgaacca	1860
tgaatgcaaa	ctctgcagcc	agacctttga	ctctcctgcc	aaactccagt	gccacctgat	1920
agagcacagc	ttcgaaggga	tgggaggcac	cttcaagtgt	ccagtctgct	ttacagtatt	1980
tgttcaagca	aacaagttgc	agcagcatat	tttctctgcc	catggacaag	aagacaagat	2040
ctatgactgt	acacaatgtc	cacagaagtt	tttcttccaa	acagagctgc	agaatcatac	2100
aatgacccaa	cacagcagtt	agtgcaagta	cagtctctca	aggagaattg	attttgtggc	2160
acaaaaaggg	aacatgtttt	actctttgca	cgaaactttc	attgttaatg	tatattatc	2220
agaaacattg	tattgtacca	taaaacttgt	attatcaaac	tggttgatgt	tcagtgtttt	2280
gaacttttgc	gcaccggata	gaccccttgt	atataaagtg	ttgcacatgt	attatgtcgt	2340
ctgatactaa	aatggtctta	taaagacaag	tggacttggg	ccctattcag	gcaagattaa	2400
aaaaaaaaaa	aagactttga	ccaaaatggc	ttaaaataaa	gtatttttaa	ggaaaaaaga	2460
ttaaaaacaa	ctgttatata	tgagactatg	gttggaactc	cttttcttta	cacttaagcc	2520
tagaatttct	ctttaggtat	atcagcgctt	aaatccaaga	ctatttttta	ttgctgaaga	2580
ttcttgcaaa	ccatgaagag	atgttctcac	agaacagaac	cccacagctg	gataaggccc	2640
gtatatatat	atgtgtaagc	cttgcaatgt	gacaggtagc	atcactatat	atgcaatagt	2700
tgttatgtag	actgtcaaag	aatttttttt	tccctggata	catttggaagc	tttgagtgtt	2760
caagggttttc	cttaatgatt	tcacgcagcc	aaattcttga	atcagttgaa	ctaacctgta	2820
tgttactgtt	attaatgttt	actctgcagt	ctgaacctgg	agattactgg	aattgttttc	2880
caagaggaaa	taaattcagt	ttaccattag	gaaaaaaaaa	a		2921

<210> 5899

<211> 2119

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1321)...(690)

<223> similar to gi310200 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5899
tttttttttt ttgcaggttt agaaaataaa gtttggtggg atcttaaaca ttttggataa      60
aactaacaaa aaaatatgaa cacacattca ggttggtggtg ctatgaggag tagcgtcac      120
ttatttagtt ccttgagata cagcacggc tgcctcggtga tcggtgccgc cctgggaaag      180
gttggtcagg aggtgacagg ggtctccagg aggagctcgg gaggtgacaa gggctccag      240
gagggagcag gggctgctcg gccaggctgc cctggagctt gaggataagg tcaaggttgg      300
tatgtgttgc tccgacttga gaatgaatta ggtgtgtgac tgtgtggcat cgtgaacatc      360
agtagtgacg cagccgtggc ctgggctttg cctgcagcgc acttaggtta cacggagcgg      420
gatcagaagc aagcgattcg gcacacaggc gtttggccac agcaattagg aaatacatat      480
tctgcggcag ggacacgac atattttggt gtgaagaaga gggcaagaga agcagaagga      540
gaatgggtcg gtaggtgtga aaagtgtttg gcatgcatgg gattaaacag aaaagggtgtg      600
gctgagattt cccagtggtg ctcacagtgc atggacagcg cggggtgggg cacggcgggc      660
ttcacacagt tctgtccgtc cctgagtgtc tcctcaccac cttgcctccg ttcacctggt      720
cgaccgccag ggtcttcacc tcgggctggg cctgcggcgg ggtggcgtgg tggatccgat      780
gtgccacccc gacgtgggccc ttgtgcggct tttcgcgggc cgggctgtgc tgctcgcgc      840
ttcggtcgga ggcgatgggg gggatgacga ggggcctctc tttgatgagg tggacctcgg      900
cggactccct agccagcaga aatgggggtg ggtcgggcat agcatccact ggttcccgca      960
aaaggagttt cctgctctct gccccgaatc tgtagacctc ttcaaattcc ggggtgaagg     1020
gggctgagag gctctttttc atgcggcggc gaggcgtttc gggtagcttg tctttggggg     1080
gcgctggctt gtagctggcc agcacggggc tccctgacgg gctggcatct gaggtccgc      1140
tggagctcat gagcttcttc ttggcggcgt gcagctggga ggtcaggtag gcgatggtgc     1200
tggcccgcgt ctccagctcg ctagacagca gggtcagctt gtgactcttg gccttcagct     1260
cctccaggta cttcttctct cgctccttga tgggtgtctc cagcactgtg atcatcgcgt     1320
ttttctgtc cagttctttc aacaactcag cattttcgtt ctctttcact ttcagttggg     1380
cttccagctc ttcacatctt ttctttaatt cactgctttt agaagtcccg tctcctgtct     1440
gttccgaact tttgactgtc agctcatatg ttaaactctgt gcagtgtgc tgcagccgcc     1500
tgatctcgga gtgcagcccc ttgagcgtgc tggcatgtc ccgctgaagg aacaggaggt     1560
tcttctgtgc gctgtgcagc tggttctcca ggttggtggc tgccatgtc acatccagag     1620
gaccttcac gtaactcgag aaatgtggtg aagtcatggg tctttctgga aaagctacca     1680
gagtaattca agacgcttgt acagcactga aaaatactga ggatgaaatg tgagttattt     1740
gcttataaat tattattgta aatacagaac ctcagaatgc attttcccta atttgctatt     1800
ccagagaacc ctccgtaaag gaggtacaac ttctcaatgg ctcccaggac gcagcccatt     1860
tgtaggatgc cacagtggaa ccgttttgga gacactgaca caccagggt gtcactgctt     1920
cagacgacac caattgctca tcaattatct gtacgaccag tgacatgcat gcacactagc     1980
tctggagcta ggacgagttc ataacgaact tcagacatac actttcatca cacgaaaaca     2040
cttctgggc gctgtccgg tggaaagcca cagactccac tccgagggca acctgagaac     2100
gcagagaagg aaataaaac                                     2119

```

<210> 5900

<211> 1781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (273)...(544)

<223> similar to gi2664281 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5900
tccggtcgac gatttcgctcg ccatttttcga gtgatgcctg atctcatcaa tctagcggga      60
gagacaggat aacctgtccg agagtatagc gccactatga ctccgccgga aaaattactt      120
taaaaatcgc caaaaattac ttggagcaaa gggcagtcgg cggagcttcg ccaaggctgg      180
cgcagtcggt tttgacctgt agcagagaac caattctgga gaacagcctc acttctttga      240
ttgaatactt acataatgca ttggaacatg acatgagatt aagggtttaat aatgatagaa      300
tgaagaccac aataaaagag acctctactt agctcagcaa ttcttacctt gtttttccct      360
tgatgtgaag tcttacctat ttgatgaaga tgtcttttga aagggtgtact gcaaggaaca      420
aaatgtttgt aaattctcct tttaccaagg tggataatta ctgtaccttc ctccatggaa      480
aaagttttat ttaaagtgtt atttctcatt gaatactatc aaaaaggaaa aaaaaatgac      540
ctaaactttt gagatagatt tggctctagt aagtatttag ttatatcact tgcatactcg      600
ggagaagaaa taagagacta tcatcagtac attcccatct actaaaaaaa tttattttac      660
acatgtcaag ggattactta taacttccat tttattacta atagcttgaa cctttttaat      720
gaagacctaa ctctccacc agaaaatttaa gtttatgttc ttactttgtt tacttataaa      780
atacatctca ggtatttcgg atgtcttttt tttttctaag cctatatgaa atgaaaaata      840
tattggcaaa gtaaatgttt aaacctttta cgttaaaatt actttgaaag atgaaaagtt      900
agtgtgtttt ttgtcacgtt atactgaaat taaatgttta taatttatat ttgggttta      960
tgtataaatc atggaattta tgcaaaaaata tgagtagtac agattctcct ctaattctgt      1020
aggactttga ataatgtgat atttttctta taattggacc cttgtgtttt gaagaaatgc      1080
caactgcttg aagaatctcc ttgttatttg tattatttgc tatagggtta gatgttgaga      1140
aattctgctg acaaaaaaatt ttaagccagt tttacactaa atgttctcct gtctgattaa      1200
ttgtttattg gatgtattct gtatctttct tttgtaattt gtgactttta tccacttagc      1260
acgaaatgatt ctattaaaga aaatcattag gaagtggtag aaactttaaa tgcgcccgaga      1320
gtttgcctgt ttccatattt tattatctta taatcttcgg gagtgttac acttatggag      1380
ctaacatttt cagagataca gcttcttata gtaacactaa aactttcttc ctctttggac      1440
tgaataccta taattataac tatatggtag ttttaagttc cttgtgatta gtcáaaaaata      1500
ccattttagt atgaagcaat gaagtctatt atttgtgtgc ccataattga gaaagcttaa      1560
atacaccttt tattaagagt ttgtaaattc tagcttagtc tacacagatt tttatatcaa      1620
tttgtttata tttttattaa tgtcatttct ggaagtgtga aaatgttaat gttcaacaag      1680
caacattaaa aatagatttg aaacatttat atatagagag gtacacattt atttactgtt      1740
taggtactga agattatcac ttaataaaaa atatatatcc c      1781

```

<210> 5901

<211> 2876

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (403)...(2758)

<223> similar to gi5679576 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5901
tttcgtctga cagcacgac tccccccgcg gcaactgcac gggttcggtg acagccgaga      60
cgccgagtggt ttcccgagc cggccgggggt ccaggtcgga aatgtagcca gtggggccgc      120
cagcatccag cacagtgagc ggccccctggg caccaccaga aaacatttgt ggggtgaacgt      180
ggagtgatga ccattgtggac actgtctttc cagggtttct tggagcctct gcagagtctg      240
ggggccaggc ttcttagtgg aaactgcagg atcttcttcc tgaccctgc ttgcctcgcc      300
ccagcagctc cggttgagtc cacagatgcc agctcagctt ccagcttggg gaagagtggg      360

```

gttgtcagca	ggagagcctg	agggctgagg	cccagcgtga	acatggcagc	taatggggac	420
tctcccccat	gggtccccggc	cctggctgca	gagggacgtg	gcagctcatg	tgagcattga	480
gtcgttgag	gcttcagtgt	catttgagga	cgtgactgtg	gacttcagca	aggaggagt	540
gcagcacttg	gacctgccc	agagacgcct	gtactgggat	gtgacactag	agaactacag	600
ccacctgctc	tcagtgggg	accaaattcc	caagtcagag	gctgccttca	agttggagca	660
aggagagggg	ccatggatgc	tggaggggga	agccccacat	cagagctgtt	caggtgaggc	720
tattgggaaa	atgcagcaac	agggaattcc	tggaggaatt	ttcttccact	gtgagagatt	780
tgatcaaccc	ataggagaag	attcattatg	ttctatttta	gaagaactgt	ggcaagataa	840
tgaccagcta	gagcaacgtc	aggaaaacca	gaataacctt	ttaagtcatg	tgaaagtatt	900
gattaaggag	aggggctatg	aacataaaaa	cattgaaaaa	ataattcatg	tgactacca	960
gcttggttct	tcaattaaaa	gactccataa	ctgtgacaca	atthtgaagc	atactttaaa	1020
ctcacataat	cataatagaa	acagtgcac	aaagaacctt	ggcaagattt	ttggaaatgg	1080
taacaatttc	ccccatagcc	cttcctctac	taagaatgag	aatgctaaaa	caggagcaaa	1140
ttcctgtgaa	catgaccact	atgaaaaaca	tctcagccac	aaacaagctc	ccaccacca	1200
tcagaaaatt	catcctgagg	agaagcttta	tgtgtgtact	gaatgtgtaa	tgggcttcac	1260
tcagaagtca	catctgtttg	agcatcagag	aattcatgct	ggagaaaagt	cccgtgaatg	1320
tgacaaaagc	aacaaagtct	tccccagaa	accccagggt	gatgtacatc	caagtgttta	1380
tacaggagaa	aaaccctatc	tgtgtactca	atgtgggaaa	gtctttaccc	tcaaatcaaa	1440
cctcattaca	catcaaaaaa	ttcataccgg	gcagaaaacc	tacaaatgca	gtgaatgtgg	1500
aaaagccttt	ttccagagat	cagacctctt	tagacatctg	agaattcata	caggagaaaa	1560
accttatgaa	tgcagtgaat	gtggaaaagg	cttctcccag	aactcagacc	tcagtataca	1620
tcagaaaact	cataccggag	agaaacacta	tgaatgcaat	gaatgtggga	aggctttcac	1680
aagaaaatca	gcactcagga	tgcatcagag	aatccacacg	ggagagaaac	cttatgtatg	1740
cgctgactgt	gggaaggcct	tcacccagaa	atcacatttc	aacacacatc	agagaattca	1800
tactggagaa	aagccgtatg	aatgcagtga	ctgtgggaaa	tccttcacta	agaagtcaca	1860
actccatgtg	catcaaagaa	ttcacaccgg	agagaaaccc	tatatatgta	cagaatgtgg	1920
aaaggtcttc	actcacagga	caaacctcac	cacacatcag	aaaactcata	ctggggaaaa	1980
accctatatg	tgtgctgaat	gtggaaaggc	ttttactgac	cagtcaaata	tcattaaaca	2040
ccagaaaact	cacactggag	agaaacccta	taagtgcatt	ggctgtggaa	aagccttcac	2100
atggaagtgc	cgcctcaaaa	tacatcagaa	atctcatatt	ggagagagac	actatgaatg	2160
caaggactgc	gggaaagcct	tcacccagaa	atcaacacta	agcgtgcac	agagaatcca	2220
tacaggagag	aaaccgtacg	tttgtcctga	atgcgggaag	gcctttatcc	agaaatcgca	2280
cttcattgag	catcatagaa	tccatactgg	agagaagcct	tatgaatgca	gcgactgtgg	2340
gaaatgcttc	actaagaagt	cacaactccg	tgtgcatcag	aaaatccaca	caggtgagaa	2400
gcccataata	tgtgctgaat	gtggaaaggc	cttactgac	cgatcaaata	tcataacaca	2460
tcagaaaatc	cacactaggg	agaaacccta	tgaatgtggt	gactgcggga	aaaccttcac	2520
ctggaagtca	cgcctcaata	tacatcagaa	gtctcactac	ggagaaagac	actatgaatg	2580
tagtaaatgt	gggaaagcct	tcacccagaa	agccacacta	agtatgcac	agataattca	2640
tacaggaaag	aaaccttatg	cttgtacaga	atgtcagaag	gcctttactg	acagatcgaa	2700
tctcattaaa	caccagaaaa	tgcatagtgg	agaaaaacgc	tataaagcca	gtgactgaga	2760
aagtcttcac	ctggaaatca	caactgggta	tgcatcaggt	atctaatagc	agggaggagg	2820
aaggcctgtt	gctgcaatca	ttgtacaggg	ggaaatgggt	atgagagact	gaggct	2876

<210> 5902

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (632)...(209)

<223> similar to gi3786408 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5902
ttaaagtgtg aatatttggg gaacacagac caaggctgtg ccttgatttt ccctttctga    60
aagtcacact ttaactaaaa tatttctggt ctacaaattt ccatatatca aaaaaaagct    120
gtagaattta attcatagtg tcttctcaaa aggaagagga aaacaaaaac agttcttcgt    180
aggagtcttt tatttttttg tgtcttaaat gtcaatgac acaaaaactt ccgggttctc    240
ttcattatag acctgcattg ctgaatatgt tattgctttg acttctgttc cctgaggggtg    300
cttggacaat gaaaattctt ctccccaccc ggggtatgaa gaattcatca gcactgaact    360
tataaagcca ttcattccaa aagtgaacaa gaagagactg taagtcatct ccttggggtt    420
ctacttctac tgtttgagg ggctccactg tcccagtatc tgatcatgaa ccaaactagg    480
ccattgcaca ttgctcaaat gcttcctcca gagtatctcc ccatgcgtgt aaccaagatt    540
gaaacattca gtcttcctac tgacgtgggt tcaaaggaat gaactccgc tatactcact    600
ggacatctgc tgtatgatcc aaatatgtaa agagagaagt aagccacct ctcacactcg    660
tacttctat tgactggcgg atacttggcc ttgatcgct tctgttcttc agtcaaattg    720
taatctctgg catcttctc ttctgcgc atgactgcag gattagaccg gcacgagctc    780
gtgcagagtt cctcaaagcg tt                                         802

```

<210> 5903

<211> 2805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2788)...(243)

<223> similar to gi299471 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5903
ttagttattg ctgttaatct cctactttgc ttgatttatt gatttattta ctgagatgga    60
tcttgctctg ttgcctgggc tggagtgcaa tggcgcgac tgggctcact gcaacctccg    120
cctgccccac ctcggttcca agtgattctc ccgcctcagc ctcccgagta gctgggacta    180
caggcatgca ccaccagcc cggctaattt ttgtattttt agacgagaca gggtttcacc    240
ctgttggccca ggctgggtct aaactcctaa cctcaggtga tccaactgcc tgggcctccc    300
aaagtgcagg gattacaggt atgagccacc gtgccagca gaatttttta actatttggt    360
tacgactaat ttggataatg tagtgcctgc agctttgatt tgtgccacta agagtgggca    420
aactgtcttc ctttttgtga atcagtaaaa attttccctc aacatgtggt tgacagttgt    480
cattcactgc taagttaagg catttggtta accacacagc ctctgcctcc ttctagcgga    540
cagccacaag aaaaggtggg catgggaggg aaaatgctct tgtgaattga actggaggga    600
agctccactt ttcttttaga aaagatgtag atcaaaataa ctaatatttt cttccttgct    660
cgatttctgt gccttccatg gtacatcaaa ataataggac cagtaatggc cacaatcctg    720
ttgactgctg ttaccttcgc cccaatatat ctttaagcat ttcttaagca tctagcttgt    780
gttttgttat atttaacaga ttttcttaaa gtattgtatg aattaaaacc agaaataact    840
tcattttcct agaaagggat aatttctccc ggagaataaa tcttgaggat ttagtttagat    900
gctgtgggta ttgtatttta aataatatat taatgggagc agctgattga ctttcaaagt    960
gattgtttac attaatagta attctgcagt tgttttacta ttgcatcagt ctgccagaca    1020
agttccatgt gcatatttta attcagaact aattatactt aaaaatttaa accctgcata    1080

```

cttccccaaa	aatgttttagg	gcagttaaaa	acaactcttt	tggaagatga	ctcgcatttt	1140
aagaaatgag	agaacactgt	caaatgatga	atgcatttaa	aaaataattt	gcaaagtgat	1200
aaaagccctt	agtttttaaat	cttacaatga	cattagctct	tacaagaact	cagtaagtat	1260
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<210> 5904

<211> 2765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1927)...(735)

<223> similar to gi412941 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5904

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aggctgggtc	caaatgcctg	gattcaagta	atcctcccat	ctctgcctcc	caaaagtgct	180
aggattacag	gcgtgagcca	ccccgcctgg	cctgaactac	tatcttttat	tgtcttcttc	240
actatcccc	actaaagcag	gttcctgggtg	ggcaggaact	cctcccttaa	cctctctggg	300
cttggtttcct	caccttttaa	atgggtgtta	tcagagtccc	tgcatctcag	agtgttgcta	360
tggtgactga	atgagttcat	taatgtaagg	cacttcaaca	gtgcccaagg	tgctcaataa	420
atagatctag	ctacagtagt	gttccccact	ggtccccctgt	gccttgatgc	cgggcaaagg	480

aatagtgcag	acaggcagga	ggaggcagag	agggagagag	agggagtggg	agtgggggaa	540
cgtcagggat	ggagaccca	ggcaggcgcc	caatgacaca	gagatccgca	gtcctctctc	600
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gggcaaggca	gcgggggccc	ggcgggggtg	ggccgggcct	gccggggcgg	ggcggggcgg	720
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gcccttgggc	ctcgtggaat	ccacttccca	gccgaaggtc	cttgcggaat	atcaaagtgt	1020
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cccagggcct	ggcgggtgcc	ggaagctttg	cagatgctgg	gccctctcca	gcgggggtgg	1140
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cggtagtgaa	cccgttgatg	tccacttgca	gtgtgttatc	cctgctgtca	caggagcagt	1260
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tcaccagctc	catgtcgata	gtcttgacag	tgatagatcc	cgcggccggc	cggccaggcg	1860
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gcgggggccc	cggcggtctg	tctcagactc	tggggcctca	ggctgctcct	cggcgactcc	2640
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ggacggggcg	tccccctgc	ccccggccgg	ggccctcgct	gtctggctgc	tccgcggagg	2760
gaggt						2765

<210> 5905  
 <211> 1874  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1875)  
 <223> n = a,t,c or g  
  
 <220>  
 <221> misc\_feature  
 <222> (1829)...(1817)

<223> similar to gi5566244 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5905
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aaccgcgggcc cggaaattga ttttgggggc cccaaaaaaa aaattttacc ttgccagccc      120
ccggaaataa aacttgattc tttaaaacgg cccccctttt tttttttttt tcacatgtgt      180
aacatttatt atattaatac ttaacaaagc cctccaagac ccaggctccc cctaccccct      240
accttggggc acgtcttcat cttagtcttt ggagagaaaag ctctgaagtc aagtgggtgag      300
ttttccagaa caagtggttc ttctccttga tgacggccca gtcctcaaag ctgtcgatgt      360
gttccttcag ccgcgagcag agctgcacgt tgcccacgta gtccaggagg acatcgatga      420
tgggccccgc ccagcggctc acctctgggg cagatacga ctcacagaac tgcaccacgc      480
tgggctcctt gtcggccgcg ggcgcgctcg tgaacctgct ggagggtgc ggggcccggc      540
ggtgcggggc gttgccgtag aggcattgaga agcagggtc gccgtcgag cccagggtcca      600
tgaggaactt gagcagcgac aggcattca tggcgaacat gatggtggcg gggaaggcgg      660
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tgcgcaggca gccgtggcgg atggccacga gcaagggtg gatgacgtcg cgggtgggg      780
cggcgccgtg ttgcagcagc agctcggtgg cgtacacgtt gttgttgacc accgcgaagt      840
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cagcaccgta cttggctaag aacctcaagg cctccaactg tccactctgg gcggccacga     1260
acaaggggct gatgccgtag gcattcttgg attccacctt ggctcctccg ctcaccagga     1320
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gccccctgctt ggagcagtga caggagacag tccagggtgg ccctgcacgt tgccaaagta     1560
aaeggcttgt ttctcctgc aggggtgcgt ggtcgatggt cccttgggta cgctcgctgc     1620
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tccttgttgg gctctgcgag attcttccct tccttgatca tggctctcaa ggctcttca     1740
gtcgccatcc ttgatggcct ttatcaaggg gtccgcaggc gccagctggg aggtcttgaa     1800
caagctgctg ctgtatttct gcatgacccc ttggaacagn cccattgggc ccgggcccgc     1860
gaactctcag gagg                                     1874

```

<210> 5906  
<211> 2838  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (2769)... (353)  
<223> similar to gi4995641 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



<400> 5906

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aaagcagcct	tgagccctgc	cccacccctt	gccctgcgga	agccaagtcc	ccagctataa	180
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ctgtcccttg	gacgctgggc	cacgtcacct	tctcctccag	aaggcttcac	ctatgggccc	360
aggaagtcct	ccttccgata	gcccttcgcc	cggaagtac	ggtaggagctt	gttgtactgc	420
cacaggttgg	ccaggaggct	ggatgctgcc	cgggaggact	tctcactgtc	ggggctgtcc	480
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cacctcggct	gggggcgact	tctcaccac	gctgcctggc	agcttctcga	atcagggtggc	660
tccaccacct	tcgtggacat	ctcgtccttg	ttcctagcgt	tccgagacag	gtttcggatg	720
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acgtcctgtc	cggaattc					2838

<210> 5907

<211> 873

<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature

<222> (382)...(694)

<223> similar to gi4769004 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5907

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tgcaaggcat	gcccttcatt	gatttctgga	tttttttaag	tcataaaaga	tatttgggag	180
tcacttaaga	aaattagaat	gcaaactgta	tattaaatgg	cattatggaa	ttatcattac	240
ttttcttagg	tgagataagg	atattgtaat	tatacaagag	atgtccttca	tctaggagat	300
ggctgctgaa	gtattgaagg	gtaaagtgtc	ctgtgcttat	aactggcttt	caaacagaca	360
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gttggtggtta	ataactgtgc	catctgcagg	aatcacagca	tggatctgca	ttgaatgtca	540
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aacagacaat	aggaattccc	aaagtatgga	caccagaaaa	agaattcttc	catcaagctt	720
aactgttttg	tgattcattt	aatgacttgc	ccttctgtca	cttaattata	aattagatag	780
aactgtgtct	tttctgcttt	gtctttgcca	tttgtgttgc	tcgcagccac	attgtattct	840
gtgtcaaata	aagtccagtt	ggattctaga	gcg			873

<210> 5908

<211> 1316

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (886)...(224)

<223> similar to gi296669 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5908

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cattcacagc	acagggttaag	tgcaaaagaa	caggatgtca	ggatgggggg	cggggagcac	240
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cccattggatc	cgggtgtctg	gaagggggcc	acagaagatg	ggccacaccc	agcatcatct	420
cctctctgtg	gtgcgccttc	ccatccccag	acccctttcc	cattcagggg	agaggggccc	480
tggtcacagg	agccagtcc	ctgacctcct	gagtgtggaa	acccaggagg	ggagtgtggt	540

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<210> 5909

<211> 1913

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (419)...(132)

<223> similar to gi5816693 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5909

ggaggacccc	ctgggtggag	ctgaccacaca	gagtagggaa	tcattggctgg	agaattggat	60
agcagagtaa	tgtttgacct	ctggaaacac	tcattctcaa	tgcaagatcc	tccgctgcaa	120
tgctgagtag	gtatcgtcca	ctctgagcct	tagaggtggg	ggttcatcag	gagcacttcg	180
aggaggagga	ggaggaggcc	gggggtggag	gggtgggtct	ggcggtctct	gtcgagccct	240
ccgctcctat	gcgctctgca	ctcgggcgac	cgcccgacac	tgccgcgggg	acctcgccct	300
ccattcggcg	gtacatggca	tcgaagacct	gatgatccag	cacaactgct	cccggccagg	360
ccctacagcc	cctccccgcg	cccggggccc	cgcccttcca	ggcgcgggct	ccggcctccc	420
tgccccggac	ccttgtgact	atgaaggccg	gttttcccgg	ctgcatggtc	gtccccgggg	480
gttcttgcat	tgcgttctct	tcggggaccc	ccatgtgcgc	agcttccacc	atcactttca	540
cacatgccgt	gtccaaggag	cctggcctct	actggataat	gacttctctt	ttgtccaagc	600
caccagctcc	cccatggcgt	tggggggcaa	cgctaccgcc	acccggaagc	tcaccatcat	660
atttaagaac	atgcaggaat	gcattgatca	gaaggtgtat	caggctgagg	tggataatct	720
tcctgtagcc	tttgaagatg	gttctatcaa	tggaggtgac	cgacctgggg	gatccagttt	780
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aactataatc	attcggcaga	cagctgggca	gctctccttc	tccatcaagg	tagcagagga	900
tgtggccatg	gccttctcag	ctgaacagga	cctgcagctc	tgtgttgggg	gggtgccctcc	960
aagtcagcga	ctctctcgat	cagagcgcaa	tcgtcgggga	gctataacca	ttgatactgc	1020
cagacggctg	tgcaagggaag	ggcttccagt	ggaagatgct	tacttccatt	cctgtgtctt	1080
tgatgtttta	atttctgggt	atcccaactt	taccgtggca	gctcaggcag	cactggagga	1140
tgcccagacc	ttcctgccag	acttagagaa	gctgcatctc	ttccccctcag	atgctgggggt	1200
tcctctttcc	tcagcaaccc	tcttagctcc	actcctttct	gggctctttg	ttctgtggct	1260
ttgcattcag	taaggggacc	atcagtccca	ttactagttt	ggaaatgatt	tggagataca	1320
gattggcata	gaagaatgta	agaatcatt	aaaggaaggc	aggggcctag	ggagacacgt	1380
tgaacaatg	gacatttttc	cagagtcaga	tgtaggctgc	agtccccggg	ttgaaattat	1440

cacagaataa	ggattctggg	caagggttact	gcattccgga	tctctgtggg	gtctttccac	1500
caatttttcc	agcctccatt	tattggtaaa	ccaaattgtt	cctaacccca	tttactgcca	1560
gatttcaccc	cttataagtt	tagagggtcca	tgaagggttt	taatggatcc	agtaaggatt	1620
ttaagggttg	agatttttaa	ggagccaaga	gctgaaagca	gaagacatga	tcattagcca	1680
taagaaactc	aaaggaggaa	gacataatta	gggaaagaag	tctatttgat	gaatatgtgt	1740
gtgtaaggta	tggtctgctt	tcttgattca	aaaatgaagc	aggcattgtc	tagctcttaa	1800
ggtgaaggga	gtctctgctt	tttgaagaat	ggcacaggta	ggacagaagt	atcatcccta	1860
ccccctaact	aatctgttat	taaagctaca	aattcttccc	ccccaaaaaa	aaa	1913

<210> 5910

<211> 864

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (462)...(764)

<223> similar to gi3288493 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5910

agtcagggga	gacctgggtc	ccccgcactg	acttcctttc	tcctcacagg	gcaccagcct	60
ccaaatggct	atggaccggg	agcagaacca	ggtgaggagg	cccttcctgg	agttcctccc	120
ctcccttccc	ttcctcttcc	ctcctcttcc	ttctgccatc	ccaggaagag	gggaggccag	180
ggctgtggct	ctcgttgacc	cccattctgt	agtcacagtt	ttctctcccc	caggttttta	240
tggtggcctc	gagccacaga	aaattgggtga	gtcctcctgg	gcccccgacc	catgttgagc	300
ggaagctggc	atctccctca	tgcttgagtc	agtctgtctg	tccgcatccc	cctgtctatg	360
agctggtcac	ctggccctcc	tgatgctgtc	cctgttccac	tagcctgtcc	ctagctcctc	420
tccaatctct	gtcctgcagg	tttaggttat	gggaatggtg	tcctgggagc	cagggtcttc	480
cccagaggcc	acccacagcc	aggtgcctgg	ggagcagggg	tcgggggtgg	agagttgggc	540
tcaggggccc	agcccagcct	ctgacaccct	ctttcctcct	ccagggttcc	atggggccaa	600
tggttttagg	aatagtgagt	cagacccagg	ggacaaagtg	cagtggagtg	ggggagacaa	660
cagcccaggg	gctaggcggg	aatgaccaga	gtctcttgga	ggggatgggg	tggaaagctct	720
ggtgtacccc	aaagcagcag	ctccagcccc	tgaaggaaat	ggtaagaaat	gagccttctg	780
ggagcagagc	caagcccaac	aggggccagg	ggtcccagct	cctgtgggca	agggtagccc	840
tgccatcaga	attccaccgc	acgg				864

<210> 5911

<211> 978

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (737)...(262)

<223> similar to gi206352 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5911
tttttttttt ttctaaatgt gtttactatt ttttttttac tcttaaagtg atgttatttta 60
catgtgttgt tagaatgcaa accttatcag taggacatca aggattaagc tctggcagta 120
ttaatagtta gaacagtcac atgtatgcaa atttttacat agttaaaaag aagaatcact 180
gtaaaataaaa tgcttattct ttaattataa gtgatgtgga acaatgtgta cttagtctta 240
aagttcagtc aaggagactt ccaggatgtg catagctact gtatgagtgt ggggtgcaga 300
gatggaggat gcttctggaa gtcaagcagt ggaattccat ggtatactca gaaaagttaa 360
tagttcagtt atttccaaga agccttcttg ctgcagacca gtaattaatg gtcccgtgc 420
tcctctcttt cattggtgcc ttcttcttct tcagggaatg ctgattcatt ctggcctttc 480
agatgcttaa ccccttttat ggtgggtggt gtgtacacac tctgcttctt ttgcttaggg 540
gatgcattct gtaattcccc ttgtgtgttg ggccccctct tgtcatctat ttctgggggg 600
ttatgctcat tgagaatcac aagtgatgct ggtgtaggtc ttcttttctt gatctgctct 660
gctgcttcag gtgcaatctg actctggaat acaggcacgg caaactgtat ctttttgga 720
ctgttgggct ccatggtaat gatgataatt agtcagagat gtgaagagct cagaaagact 780
aacccaaagt ggtgtccggg atgtgtttcc tcagacacac tccactaagc cacacagagt 840
gcttcgtaat aaatagctgt aattccagat cgagcaagtg aagatgccga ggtttgagta 900
accccttct tcaacatcca cggatgatgcc tggcttgctt gttccccac caatcccttg 960
gatcctctca gcacaata 978

```

<210> 5912

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (706)...(737)

<223> similar to gill196912 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 5912
cggcggtgcc cgggcgtccc ctgcagacac gcagccccgt ggaactcccg gcgggacggg 60
tggggctgga ggaacaggac gcccgctctc ggccctccct cccgggcctg ggctgagggc 120
agccgttggg gggtttcagg gccgcctggg cagaatgtca cgatggacga gggcggcacg 180
ccctgtctcc ccgacagcct ggtctaccag atcttctctga gcctgggccc ggccgacgtg 240
ctggcgcccg ggctggtgtg ccgccaatgg caggccgtgt cgcgggacga gttcctgtgg 300
agggagcagt tctaccgcta ctaccagggt gcccgcgacg tgccccgaca ccagcgggcc 360
atgtcctggt acgaggagtt ccagcggtct tatgacacgg tgccctgcgt ggaggtgcag 420
acgctgcggg aacacacaga ccaggtcctg cacctcagct tctcccatc cgggtaccag 480
ttcgctcct gctccaagga ctgcactgtg aagatctgga gcaacgacct gaccatctcg 540
ctgctgcaca gcgcggacat gcggccctac aactggagct acaccagtt ctccagttc 600
aacaaggacg actcgctact gctggcctcg ggggtgttcc tggggcgca caactcctca 660
tccggcgaga ttgctgtcat cagcctagac tccttcgcgc tgtgtcccc cgtgcggaac 720
aagccctatg acgtgtttgg ctgccggctc accgagacca gtctcatctc ggggaacctg 780
cac 783

```

<210> 5913  
 <211> 1287  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1084)...(194)  
 <223> similar to gil907076 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5913

tttttttttt	ttatttgc	gtgccaggaa	atatcctaca	tttattgtta	caaaaacccat	60
gttatcacgt	tagtggtgaa	ttcttttagaa	gccccggcta	aataagcttt	agaaatggaa	120
tgccttcaat	ggctcaatct	cagaaatggc	aaaattctag	gacacatcaa	gacctgctct	180
tccgctttcc	actagttccc	aatctttgat	ttccaggttt	tggccctttc	aaacccattt	240
tttgcgtttc	tgaaatcaag	aatagcttga	gaaatctctt	cattggtggt	catcacaaat	300
gggaccatgt	tgggataact	gggttctctt	aatggctccc	cagcaattaa	gacaaagtgg	360
gcttctcttg	ggatccttgt	tctccacttg	ggacactggg	caccttctcc	aagcaactgc	420
tgtgtgatga	ggttctattt	ttttggtggg	gcatcatcgg	gccccatata	cacatctcca	480
gatatcgtgt	aaatgaagct	tgtccaccct	ttaagggata	ggttgggaaa	tgtttggttc	540
cctgggtcca	atttgaagtc	caaataataag	gttggtgtgc	caagtgtaaa	ccttggacct	600
tattcccaga	gctttctcag	aaatgacagc	aactgtcaca	ccatcctact	tggggttaag	660
ggatttcttt	acttttcagt	tcctgggtac	ttggggctcc	accatcttct	ctgagctcct	720
caaattaaac	ccacagttgt	aagcccatgg	gctgggctcc	tctgagcaag	gcattctcagc	780
gtgcagaatg	ccccggcccc	cagtcattcca	ctgcaaatct	cctgggttca	ttttaccagt	840
gtgtccacag	aagtcttcat	gggccatgct	gcccccttcc	aggaggtagg	atactgtttc	900
aaaacctcga	tgtggatgat	caggaaatcc	tcctgggtcta	cctcctttaa	attcatcaaa	960
cagtaaaaaac	ggatccagat	tttttaactc	gggtctgcc	atgcttctcc	ggaccctcgc	1020
tccaaccctt	tccgactgct	cccggctgag	cactgagaga	gtaactttct	tggaggaccc	1080
catatcgagg	tctaaaaaga	gagtgttctg	atgctgagct	gtagaggatg	gaggggctgc	1140
ggtagcggca	cctggagcct	tagcggcggg	ggtgacgcga	agagccgccg	ggagcagagt	1200
cagggagggc	aggttaagag	agtgtgggtc	cagtcgcctc	accgtgactc	agcgcttcgc	1260
ggccggcggc	ctagaggagg	cgggagg				1287

<210> 5914  
 <211> 2977  
 <212> DNA  
 <213> Homo. sapiens

<220>  
 <221> misc\_feature  
 <222> (57)...(2602)  
 <223> similar to gil907120 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5914

caagtgtgga	gaaagcggct	ctgggtctag	attgagggat	actccccctt	tccaccatgg	60
gcaagaaggg	caaagtgtgc	aagagccgac	gagacaagtt	ttatcacttg	gcgaaggaga	120
cgggttaccg	ttcccgatct	gctttcaagc	tgatccagct	caatcgccgc	tttcagttcc	180
tgagaaaagc	ccgagccttg	ctggacctgt	gtgctgcgcc	agggggatgg	ctgcaggtag	240
ctgccaaagt	tatgcctgta	tccagcctta	ttgtgggagt	ggacctgggt	ccaatcaagc	300
ctctcccaa	tgtggtgact	ctccaggagg	acatcacaac	agaacgttgt	aggcaggccc	360
tgaggaagga	gctgaagacc	tggaagggtg	atgttgtgct	caatgatggg	gcccccaacg	420
ttggggctag	ctgggtccat	gatgcttact	cacaagccca	tttgacactg	atggctctac	480
gtttggcttg	tgactttttg	gcccgtgggt	gcagcttcat	cacaaagggt	ttccgtttct	540
gtgactatca	gcctctgcta	tggatctttc	agcagctggt	ccgccgtgtc	caggccacca	600
agccccaagc	ctctcgccat	gaatctgcag	agatctttgt	agtctgcaa	ggattcctgg	660
ccccgacaa	ggttgacagt	aaattctttg	accccaaatt	tgcttttaag	gaggttgaag	720
ttcaggctaa	gaccgttact	gaattgggtta	ctaagaagaa	gccaaaggct	gaaggctatg	780
ctgaggggtga	cctcactctc	tatcacgcta	cctcagtcac	tgacttctct	cgagctgcca	840
accctgttga	cttcctctct	aaggccagcg	aatcatgggt	agatgatgaa	gagttggcac	900
agcatccagc	taccactgag	gacatacggg	tgtgctgtca	ggacatcaga	gtgttggggc	960
gcaaggagct	caggtcgcta	ctaaactgga	gaacaaaact	tcggcgatat	gtggccaaga	1020
agctgaaaga	acaagcaaag	gcactggaca	tcagcctcag	ctctggagag	gaagatgaag	1080
gtgatgagga	ggactcaaca	gctggaacca	caaagcagcc	ctctaaggag	gaggaggaag	1140
aggaggagga	ggaacaactg	aaccagacct	tggcagaaat	gaaggcccag	gaggtggcgg	1200
aattgaagag	gaagaaaaag	aagctgttgc	gtgagcagag	aaagcagcgg	gagcgtgtgg	1260
agctgaagat	ggatctgcct	ggggtttcca	ttgcagacga	gggggagact	ggcatgttct	1320
ccttgtgcac	catccggggg	caccagttat	tagaggaagt	aacacaaggg	gatatgagtg	1380
cagcagacac	atttctgtcc	gatctgcaa	gggatgatat	ctatgtgtca	gatgttgagg	1440
acgacggtga	tgacacatct	ctggatagtg	acctggatcc	agaggagctg	gcaggagtca	1500
ggggacatca	gggtctaagg	gaccaaagc	gtatgcgact	tactgaagtg	caagatgata	1560
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aagctgccac	tggccttgaa	ggggaagaaa	aggatggcat	ctcagacagt	gatagcagta	1920
ctagcagtga	ggaagaagag	agctgggaac	ccctccgtgg	taagaagcga	agccgtgggc	1980
ctaagtca	tgatgacggg	tttgagatag	tgcctattga	ggaccagcg	aaacatcgga	2040
tactggacce	cgaaggcctt	gctctaggtg	ctgttattgc	ctcttccaaa	aaggccaaga	2100
gagacctcat	agataactcc	ttcaaccggt	acacatttaa	tgaggatgag	ggggagcttc	2160
cggagtgggt	tgtgcaagag	gaaaagcagc	accggatacg	acagttgcct	gttggtaaga	2220
aggaggtgga	gcattaccgg	aaacgctggc	gggaaatcaa	tgcacgtccc	atcaagaagg	2280
tggctgaggc	taaggctaga	aagaaaagga	ggatgctgaa	gaggctggag	cagaccagga	2340
agaaggcaga	agccgtgggt	aacacagtgg	acatctcaga	acgagagaaa	gtggcacagc	2400
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gttgacactc	atgacccttt	ttttaaacgg	ttaaaggga	gttcgggtgt	ggagcgatac	2880
tcaatgtagt	cagtctacac	ctggacgtgt	gggccactta	agccctcccc	acccccatcc	2940
tattcctaaa	taaaaccagg	ataatggaaa	aaaaaaa			2977

<210> 5915  
 <211> 1012  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (235)...(818)  
 <223> similar to gi297547 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5915
cgacccacgc gtccgctcta cttatccttc caatgatcac tgccaagttc tctttagcca      60
tgcaaatggg ttctcttgac gattgaccca tgaacacttg aaaggaaggt gtattctgcc      120
actttaaaat gaagtgcctt ataaacaaca aagagctcaa gttagctaaa actggataca      180
ggcgagattt tattatatga atatattacg tagtggcaaa gtccaggcctt ttaagacatg      240
attgggaagg tggtttatctt tcctaaagaa tctaatagtg ctcacgtgag cttgatcaca      300
cagctggaga aatctacaga acttcaactgc gtgtcttcat gcttataaccg acctctccca      360
tggtctatgc ctcttctcct acagcatcca gaccaagagc aatgagatgg tcatttttaa      420
gtctcaaatt ggggagtaca atcttatcat tgggggtgac aagggtttct tcaaggctctg      480
tgagaatttc cccaccctgg tgcacatcta tgccagctgg gagtcctcct caggcattgc      540
tgagttctgg gtcagtgaga agccttaggt gaggatgggg ctaaggcagg gtttctctgt      600
gggagcttac cccaagattg ccctgggtag cagcagggtt cctatggagg caagtttggg      660
aagagccagt ccattgtggg agagattgga gatgtgtaca tgtgggactc tgtgctgtcc      720
ccagaagaaa tctggtttgt gtatcaaggt atctacatca aaccaatat tctggactgg      780
cgggcattga actatacaat gcaagggttat gtggtcacc cgtcccataa atagagttga      840
agttctgctt caacaggaca aagttactgg gaaggaaatc cccaacatga aagaccagct      900
ctgaagacaa ttctacttca tgccttatgt ctatttctct gttttctctg aatttcctat      960
ctattgaact gcttaattta caataaaagt acaatgcctt ctaaaaaaaaa aa      1012

```

<210> 5916  
 <211> 1832  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (294)...(1441)  
 <223> similar to gi2828790 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5916
caagatgctc agctagcaga gctgacttcc tgccacaaag tagtgtggcc tcacagtcgt      60
cttctgaagg caagctgggt acaaaagggt acagctcgga gagggagaga agggagcaaa      120

```



atttacctgc	acgtcccagc	agggctcctg	tgagtatttg	tggtggtggg	gaaaacacct	180
caaagagtgc	agaggaacct	gtggtcaggc	ccaaaatcag	aaacctggca	agtccaaact	240
gcgtgaaacc	aaaaattttt	tttgatactg	atgatgatga	cgatatgcca	cacagtactt	300
ccaggtggag	ggataccgcc	aatgacaatg	agggccactc	ggatggcctg	gcaagaagag	360
ggagaggcga	gagttcaagt	ggctatcccg	agccaaagta	ccctgaagac	aaacgggaag	420
cgaggagtga	ccaagtga	ccagaaaagg	tgccgagacg	acgacgcacc	atggccgacc	480
ctgacttctg	gacgcacagt	gatgattact	acaaatactg	cgacgaagac	tctgacagtg	540
acaaagagtg	gattgctgct	ctgcgtcggg	aatatcgaag	ccgagagcaa	accctgtcct	600
ccagtggcga	aagctgggag	actctgccgg	ggaaagaaga	gcgggaacct	ccacaggcta	660
aggtgagtgc	cagcactggc	accagccctg	gccccgggtg	tagtgccagt	gccggggctg	720
gcgccggggc	cagtgtctgg	agcaatggca	gcaattacct	tgaagaagtt	cgagaaccat	780
ctcttcagga	agagcaggca	tccctggaag	aaggagaaat	tccttggctc	cagtaccatg	840
agaatgacag	tagcagttag	ggggataatg	attctgggtc	cgagttgatg	caacctgggg	900
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cagttggtca	ggagatgtgc	tgcccctctc	gctgtagcga	atatgtgaag	ggggagggtg	1260
caactgagct	gccgtgccac	cactatttcc	acaagccgtg	tgtgtccatc	tggcttcaga	1320
agtcaggcac	ctgccccgtg	tgccgctgca	tgttccctcc	cccactctaa	agaccaaggc	1380
cgtttactcc	tggtctgatt	attttcccca	tctgaaatcc	acaatactgc	aggagccctc	1440
ttgaaattaa	caatggaaat	aaaaccaatc	agtcagttag	cctaaacctc	ttgattcctc	1500
gtgattattt	ccaatgtgaa	aacagttgtg	tatgattgca	ttaaaaatca	tatcatcttt	1560
tagaggttag	aaaagggaaa	actaaacttt	ctaaatgcta	cctgagattg	cagtaagaag	1620
atacgttttc	taacctgaaa	gttaaatcgc	atttgttttc	ttcagtagaa	tgggaatgtg	1680
ttgctgttac	ttgtaatgtc	aagtttatct	gttaaatatg	tccaaaaggc	aaaatcattt	1740
ttgttgcatg	ttatgggtcg	atgttcctgt	aattgcagtg	ccgtaaaagc	ttattaaagt	1800
tgttcttttg	gttttacatg	gtaaaaaaa	aa			1832

<210> 5917

<211> 1286

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (802)...(1132)

<223> similar to gi5104682 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5917

tttttttttt	ttaaccaa	atgaaaatgt	gttttatttc	tcagtacaaa	gccagatact	60
gtaaggctat	gaaaaactga	ctagccagag	gccagaaagg	acaaaaagaa	gactatctct	120
ggcctggtgc	cctgtgatct	ggcgtgggtg	cacaggaggt	ctggggacag	cagcaaagac	180
ctggaccggt	ggaggtggat	gaggggaagcg	atctgccagc	ccttccagcc	tcccgcggct	240
ggggcctgag	gatectgcct	gcctttgggg	gccactgggt	gcctggcctg	gctggttcca	300
ggaatgaact	gggagaggac	aggaggtgca	gggagggggc	gggggtggga	ggcgtgaccc	360
tttttgcacg	ggaagctctg	ttttcattcc	gtgccacagg	tgagtgtgca	gggctagagt	420
tgagaatgaa	actaggggtgc	tgttgcccc	aaaggtacct	tcagtccttc	taccacatcc	480

cagtttagaaa	gtcttgagcc	cttggacagg	cagacatggg	cctgggactt	aaggctgtag	540
gaggtgaggc	tgtagtgaca	ggggtgggag	gtgaggccgt	agtgacaggg	gtgggaggtg	600
aggctgtagt	gacgggtatg	gggcggagct	gagaggaatg	tgtgcggcaa	cagacgtgag	660
ggtgtttctc	caaggagttg	tggatcctct	tcagtgtcag	gggagcgtgg	gcatgtgtga	720
gggctcaggc	ctcgcctcc	tctccactgt	catgcacgct	ggcctgtctc	accaccttcc	780
ggaacctggg	cgtagaggaa	atgcagggtc	ctccctgccc	ctgcccctgc	ccctgctcct	840
gctcctggaa	ggcctgggtc	cggttggcca	ccacggcact	gccttgagg	gtaaccactg	900
actggcggga	cttcagggca	ggctgaggcc	ccctgtccac	ctgctggcct	cccttgggtcc	960
ttgcaagctg	tgggaagggc	tgcagaggct	cttcattgtga	agactcgtgg	gaagagaaga	1020
cctctggcat	gtcactggtc	tctgaggtgc	tctccagctc	caaggagggc	tccagaagac	1080
tgatggacct	catgacctct	cggaggttta	tacgtggccg	tggcccaggc	tcttctttcg	1140
gggctgcctg	gctctcttcc	atgcctacaa	ccttctcctc	cccaccaccc	tcagggttctg	1200
gcggaagagg	tgggaatggt	gtagagactt	caggggctgg	gtgctcctct	ggggagaccc	1260
caccacgaa	ttccaccaca	ctggac				1286

<210> 5918

<211> 2073

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (321)...(1127)

<223> similar to gi2690100 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5918

aaatgatgga	agaaattgaa	aatgcaatta	acacttttaa	agaagagcag	aggttgatat	60
atgaagagct	aattaaagaa	gagaagacaa	ctaataatga	gttgagtgcc	atatcaagaa	120
aaattgacac	atgggctttg	ggttaattcag	aaacagagaa	agctttcaga	gcaatctcaa	180
gcaaagtctc	tgtagacaaa	gtaacaccaa	gtactcttcc	agaagaggta	ctagattttg	240
aaaaattcct	tcagcaaaaa	ggaggggcag	aaggtgcctg	ggatgattat	gatcaccaga	300
actttgtaaa	tggtgagaac	aaacataaag	ggaagccaac	atttatggaa	gaagttctag	360
aacaccttcc	tggaaaaaca	caagatgaag	ttcaacagca	tgaaaaatgg	tatcaaaagt	420
ttctggctct	agaagaaaga	aaaaaagagt	caattcagat	ttggaaaact	aaaaagcagc	480
aaaaaaggga	ggaaattttc	aagttaaagg	aaaaggcaga	caacacacct	gtgctttttc	540
ataataaaca	agaggataat	caaaagcaaa	aagaggaaca	aagaaagaaa	cagaaattgg	600
cagttgaagc	ttggaagaaa	cagaaaagta	tagaaatgtc	aatgaaatgt	gcttcccagt	660
taaaagaaga	agaagagaaa	gagaaaaaac	atcagaaaga	acgccagcgc	cagtttaagt	720
taaaattact	actagaaagt	tatacccagc	agaagaaaga	acaggaagaa	tttttgaggc	780
ttgaaaagga	gataagggaa	aaggcagaaa	aggcagaaaa	aaggaaaaat	gctgctgatg	840
aaatttccag	atttcaagaa	agagatttac	ataaacttga	actgaaaatt	ctagatagac	900
aggcaaagga	agatgaaaag	tcacaaaaac	aaagaagact	ggcaaaaatta	aaagaaaagg	960
ttgaaaacaa	tgttagtaga	gatccctcta	ggctttacaa	acccacccaa	ggttgggaag	1020
aacgaaccaa	aaagatagga	ccaacaggct	ctgggccact	tctacatatc	ccacataggg	1080
ctattccaac	ctggagacaa	ggaatacaga	gaagagtatg	agataatcaa	attgctactc	1140
agttgataag	aatgttaaca	tactaagtta	taccagggag	agagtgacta	accacattct	1200
ttaaataatca	atagcttagt	cagattgatt	attgtgctat	attgtgaatt	gagaggtatt	1260
aagtttcatg	aggctttgtc	attagtattc	ctgcttctac	caagaaggta	tttaatatat	1320
gtgttggcct	attattgatg	taaaagttat	ttaataaagt	taatgttaga	aacattattc	1380

aatttaaata	ctgaaaacat	ttcaaagaga	ttttgttttt	gttatagcat	agcaaagtaa	1440
attggaacaa	tcattccaat	gacatttttt	taaacccaaa	tttttgtaac	ttttataact	1500
tggagttaag	ttagcttgag	taacaaaaag	gtaaagtggg	ttttgttttag	agttaacgaa	1560
atgttagtac	tttttcta	gtttaaccaa	attggcagtt	tgtagttat	gacatttttg	1620
tgtaataaat	atgttgatt	tggttgagc	atgctttgtt	ttatatagag	aatattttatt	1680
ttaaaaatat	gtctctcata	tacctatta	attgtattat	tgatataatc	tttttggttt	1740
ccttcagcaa	ttccaaattt	tccttcagcc	tttctggatt	tcacagattt	ataaaatctt	1800
tgtgtctttc	acatcttcct	ggctaatagca	gttttctttt	ctgcttctgt	ttgcctcaaa	1860
ataggaaaat	tctttgttct	gaaacatcat	ctgaaataag	ccagctttaa	aatactgtga	1920
tttctcttga	tggcacttaa	aatgttttag	gtggggcatg	gtggctcatg	cttgtaatcc	1980
cagcactttc	agagggtcaag	gtaggagaat	tgaggcctgg	agtttgacac	tagcctgggc	2040
aacacagggg	gaccctgtct	ctacagaaaa	aaa			2073

<210> 5919

<211> 873

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (559)...(665)

<223> similar to gil335199 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5919

acctagctgt	gtccccacaa	ggcggaaaagg	ggcaaacaag	ttccctcagg	ccactcttac	60
ggggcattaa	tccttgactt	aatcacctcc	taaaaagggg	gtcctcttga	cactatcaca	120
ttatggatta	gggttcaacc	tatgaattac	gtaggcacag	acacattcag	atcctggcac	180
tacatgtagg	atattcagtt	agcccctggg	tgaggggctg	ttgtgttgct	actggttttc	240
tgctattaca	cataaccctt	taatgaattg	ccttacgcat	gcatgttttt	gagtgttcgt	300
cagtctctct	ttggaataga	ctcccagaag	tggaattgct	gagtcaaaagg	gtaaatacat	360
acggaatttt	gattgatacg	gccacttccc	atccatgggg	gttttactgt	tttatattcc	420
cgccagcagt	gaatgagtac	ccttttttcc	ccaacagagt	attttgtcaa	atttttcaat	480
ttttgcaggc	ttatagatga	gaagtgatata	tatctcactg	tacttctaata	tgcattttctc	540
tcttttcatg	tgggttaagag	ccattttgtat	tttctgtgaa	ctattttaacc	tattttttcta	600
tagaattttt	gggtctttttc	aaccatttttc	agctctttgt	atactaggaa	tattaaccct	660
ttgtaatgtt	tggtgtacat	atttttccca	atttgtcatt	tatcttttca	cttggtttct	720
gcaaagattt	actttattttc	tgtgttaaat	gtgttgattt	tttcttattg	cttctggatt	780
ttagagtcac	aggaagggtt	tcttcattcc	cagcttttac	aggaatttat	cgtgtttttt	840
tcaggcagac	ttttatagtt	tctggtttta	cat			873

<210> 5920

<211> 1470

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (668)...(1281)  
 <223> similar to gi53797 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5920  
 tttttttttt ttctgggggc tgcttttatg gggacgacct gacagagggc atgggtccgta 60  
 caaaaccggg aacaatacat acatatatat attatataca gagatgcggc cctcccgacg 120  
 gctgggcagg ggtggccgct ggcccaagca gcccgaaagc gccccgcca cccggttccg 180  
 cccctcccat ctgcccgggt gaagtgcgag agcccaggac tgagacagcc agctccttca 240  
 ggggatgggg gcacatctgg ggataggaag ggggtggggac aagaaatact gatcgaagtc 300  
 atgggtctatt tacaggggac aagaagccaa aacggatggg atgggtggtc tgttttttaa 360  
 aaatgaacaa aaaccagtt agggcagggg catgaagtgg caaaatgaga tggattttga 420  
 aaggggaggg gacctggggg aggtgggtct acctcccttg gtccaagccc caatttgggg 480  
 ttaaagtggg gaaacagagt cgatttctact tagaaggcag gctgccagca gggcagccct 540  
 ggtctccaaa aagatgagta gtagtaaaat tttgccctcc agtcaaaaca ttggaaaacc 600  
 agtagggggg gggggcgagg ctgactccct gcaatgtcag taggcttcca ggcacgccc 660  
 tgggctgggc agacagggca gcacaggata ggacctgact ctccaggag aaatgttccc 720  
 cttgcctaag accagggctg ctgtagccag acccccttcc ctccctggca tcccaggct 780  
 tgaccaggaa acctggaccc cagagaggcc acataacagt tccaagacga ggttatggct 840  
 atttggcacc tggaagaggg gaggcacaag gagaaattga gggctgctgc cccaggcaat 900  
 ggggagctgg ggaccagggt tcctgaaact tccctttttc ccactctcac tccccctttt 960  
 cccgaaggac acatgagaaa tcagtgcagg gccagggcca ggcccagcct ccgggctctg 1020  
 ggggtggactc tatccctccc aggacaggga acagggatgg gggaggtgtt gaggcaacgc 1080  
 cccaccccc caggcgggag ggtcagaatg caacagagac ggcacaatga tggggggaga 1140  
 ggggaagggc gagaaagtag aatctcaagt caagaggccc agggggccacc cagggtgcccc 1200  
 atgggcaggg agcagcccc agttggcaga tgctgggaga gccccagccc cgttccagtc 1260  
 cagagacaaa agctggagtg tgtaaagtct ggcagtttga tctgcagggt cttgtgtccg 1320  
 tcgaccacca ggccagccct cggcagccct cggcctctgt gcctcagccc catggggcaa 1380  
 gaaagaggct gcccttctag ccacctctgt ctgccaggc catcttaagg gggcctgtat 1440  
 atagccggcg ctggtcgacc gggaatccg

<210> 5921  
 <211> 3595  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (287)...(2913)  
 <223> similar to gi4754060 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5921  
 gggcagtgct tcgtttgcag tcggcgcttt aggggaactg tcttcctccg caggcgcgag 60  
 gctgggtaca ggggtctatt tctgtggttg actccgtact ttgggtctgag gccttcggga 120

gctttccga	ggcagttagc	agaagccgca	gcgcccgccc	ccgcccgtct	cctctgtccc	180
tgggcccggg	agggaccaac	ttggcgctac	gcccctcagc	ggtcgccact	ctcttctctg	240
ttgttgggtc	cgcatcgat	tcccgggaatc	agacggtgcc	ccatagatgg	ccagctttcc	300
cccaggggtc	aacgagaaaag	agatcgtgag	attacgtact	ataggtgaac	ttttagctcc	360
tgcagctcct	tttgacaaga	aatgtgggtcg	tgaaaattgg	actgttgctt	ttgctccaga	420
tgggtcatac	tttgcttggt	cacaaggaca	tgcacagta	aagcttggtc	cgtgggtccca	480
gtgccttcag	aactttctct	tgcattggcac	caagaatggt	accaattcaa	gcagtttaag	540
attgccaaga	caaaatagtg	atgggtggta	gaaaaataag	cctcgtgaac	atattataga	600
ctgtggagat	atagctctga	gtcttgcttt	tgggtcatca	gttccagaaa	aacagagtcg	660
ctgtgtaaat	atagaatggc	atcgcttcag	atttggacaa	gatcagctac	ttcttgctac	720
agggttgaac	agtgggcgta	tcaaaatatg	ggatgtatat	acaggaaaac	tcctccttaa	780
cttggtagat	catactggag	tggtcagaga	tttaactttt	gtccagatg	gaagcttgat	840
cctggtgtca	gcttcaagag	acaaaactct	cagagtatgg	gacctgagag	atgatggaaa	900
ccatgatgaa	agtattgagg	ggcatcaga	attgggtgta	ccagctgtgc	attctctcct	960
gactcttcta	tgtgtgttc	agtcggagcc	agtaaagcag	tgggtggcagc	aatattgggtg	1020
tgattgaggt	tatgtggca	ccactcgac	acaggcgcca	caatgggtgtt	aagctgggca	1080
gaaagagtgg	catctctggc	taccgggctg	ggggcgacct	ttaccatagg	atgaagtaac	1140
cttgcatcgg	tgtgtcaagg	tgtactgtac	gtacacaggt	gctgggtcgat	gtccactttc	1200
tgcttttctt	tctttttttt	tttctttttt	aaagtaattt	ccccacagt	aaaataccac	1260
tgactcctga	gtaaattgat	tttccagttt	tatggaattg	ggagtctgac	aagtgaacc	1320
aatttaattg	aaagtatttg	gctttcaaat	ggtttctctg	tgtattttt	tgggaattctt	1380
tcagattcca	gagatatctt	acgtctttga	ttcaatttaa	aatttgtact	tattttcttt	1440
tagaaataat	gtattgtgtc	tgtgcagaaa	aaaaaaaaac	caaaaaggat	tgctttactc	1500
caagaggaga	gattgtctta	ggataaacct	ccaagctcac	atttaataa	acagactgaa	1560
gtaaacatta	gaatcctgtt	tagagctatt	ctgcacagtt	aactactgat	ctttagaatc	1620
taaaattgta	tatgaactta	ttcttaaaata	attgaccctg	tttatattca	aatgacttat	1680
gatcgtgggt	agtttgggaa	aaataagatg	gttaaatgtt	gatttattga	aatgtaattg	1740
tattattttc	ataaaatagc	attttcattt	tgtaatgtgg	tttaacatcc	ttgttgtttg	1800
ccaaagaaat	ttcatttggtc	tgtgaatatt	ctatttgctt	gcagtatctg	tttctcttcc	1860
taggctcaag	ttgggtgaccc	aagcctattg	taaacaagtg	attatctcaa	agggagatgc	1920
caatggagta	acaatttggt	aaccttacgt	tttctgtctg	tatatttttt	taaaaatctg	1980
gtagtttctg	gaaaaaaaaag	agaagggggt	ttgtagtact	taaccctatt	tatttccgta	2040
tatttttagtt	aattagtttt	tgggaataaat	ggatttcagt	atagctttgt	ggttaaattg	2100
cattgccttt	attttatggt	taggcttatt	tttaaatata	catttaacag	aaacatttga	2160
aatagaattt	gcatgtctgc	cttaattaac	ttaaagactg	attttaatct	gactatgaca	2220
ctgagcatat	tctttaaatt	actcataatt	tataatgctt	aatataatct	taattaaatt	2280
tagcagtttt	agtataagat	gtgccatttt	gtcctctgta	tgtctgaatg	aagctataac	2340
atttgccttt	ttttctcagg	ttttcttttg	gaatatggat	aaatacacca	tgatacggaa	2400
actagaagga	catcccatg	atgtggtagc	ttgtgacttt	tctcctgatg	gagcattact	2460
ggctactgca	tcttatgata	ctcgagtata	tatctgggat	ccacataatg	gagacattct	2520
gatggaattt	gggcacctgt	ttccccacc	tactccaata	tttgcaggag	gagcaaatga	2580
ccggtgggta	cgatctgtat	cttttagcca	tgatggactg	catgttgcaa	gccttgctga	2640
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tgacgggaag	gtgtattttt	gggccactcc	acggcagggtc	cctagcctgc	aacattttatg	2820
tgcagtgca	atccgaagag	tgatgccac	ccaagaagtt	caggagctgc	cgattccttc	2880
caagcttttg	gagtttctct	cgtatcgtat	ttagaagatt	ctgccttccc	tagtagtagg	2940
gactgacaga	atacacttaa	cacaaacctc	aagctttact	gacttcaatt	atctgttttt	3000
aaagacgtag	aagattttatt	taatttgata	tgttcttgta	ctgcattttg	atcagttgag	3060
cttttaaaat	attattttata	gacaatagaa	gtattttctga	acatatcaaa	tataaatttt	3120
tttaaagatc	taactgtgaa	aacatacata	cctgtacata	tttagatata	agctgctata	3180
tgttgaatgg	acccttttgc	ttttctgatt	tttagttctg	acatgtatat	attgcttcag	3240
tagagccaca	atatgtatct	ttgctgtaaa	gtgcaaggaa	attttaaatt	ctgggacact	3300
gagttagatg	gtaaatactg	acttacgaaa	gttgaattgg	gtgaggcggg	caaatacact	3360
gaggtcagca	gtttgagact	agcctggcaa	acatgatgaa	accctgtctc	tactaaaaat	3420
acaaaaaaa	aaaaaattac	ccaggcgggg	gggggcacac	ctgtagtctt	agctacttgg	3480
gaggctgagg	caggaaaatt	gcttgaaccc	aggaggggga	ggttgcagta	agccaagatc	3540

acaccactgc actccaacct ggacaacaga gcgagactcc atctcaaaaa aaaaa

3595

<210> 5922

<211> 1011

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (420)...(65)

<223> similar to gil68459 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5922

cgggctggaa	cagagcagcc	ggcctctgtc	ctaagactgg	ccacgctgag	acggacaggc	60
agcaggggag	cgaccggagc	tggggcgctg	gatgtgggga	aagggagaga	ggtgttaggg	120
aggccccag	tctcgggccc	aggttacaag	gtcttaccct	ggggtgggaa	cccaggaggt	180
ggagtggctg	gggggcacag	ctgagaagtt	caggaagatg	gaggatgagg	attcccaggt	240
tcctccctgt	ccatgtcagg	gtgaggggtg	caggagcaca	gaggccatgc	tctgccatgg	300
ctggggactt	ccttgtgaat	actgcagccc	tagggctgca	aggggacacc	acgcacagag	360
acacggcagg	ccccgtgttg	gccgggggtg	ggggtgaggg	cagaaccagc	cgagggacgc	420
tgagtcagac	cgcttgccca	ctgctctggt	gcagggacct	ggctgcaggt	gctggagacc	480
atcgggtgtc	tggcggtcac	tgccaatggg	atgggtcattg	ccttcacatc	tgagttcatc	540
ccccgagtgg	tctacaagta	ccgctatagc	ccatgcctga	aagaaggcaa	ctctactgtc	600
gactgcctca	agggtacgt	caaccacagc	ctgtccgtct	tccacaccaa	ggacttccag	660
gaccctgatg	ggattgaggg	ctcagaaaac	gtgactctgt	gcaggtttgg	aactccccat	720
cccccaagaa	tgccctctga	actcctgacc	cctgacctca	ggtacttctt	taccccagat	780
acagggacta	ccgcaatccc	cccgattaca	acttctccga	gcagttctgg	ttcctcctgg	840
ccatccgcct	ggccttcgtc	atcctctttg	agcacgtggc	cttgtgcac	aaagctcatc	900
ccgcctgggt	cgtgcccagc	atccctcagt	cggtgaagaa	caaggttctg	gaggtgaagt	960
accagaggct	gcgtgagaag	atgtggcatg	gaaggcacag	gcagtcggtg	g	1011

<210> 5923

<211> 911

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(912)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (336)...(684)

<223> similar to gi5105617 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 5923
tttccggagc cgcceccctc cggggagnag gaggaggggc ggcgggggaa gggagggcgg 60
gtggaggggt cgggaggaac ggggggcggg aaagatccgc cgggccgccg acacggcggc 120
acccgccgcc ggggtgaatc ctccgggcgg actgcgcgga cccacccgt ttaccttta 180
acggtttcac gccctcttga actctctctt caaagtctt ttcaactttc ccttacggta 240
cttggtgact atcgggtctcg tgccggtatt tagccttaga tggagtttac caccgcctt 300
gggctgcatt cccaagcaac ccgactccgg gaagaccgg gcccggcgcg ccgggggccc 360
ctaccggcct cacaccgtcc acgggctggg cctcgatcag aaggacttgg gccccccacg 420
agcggcgccg gggagcgggt cttccgtacg ccacatgtcc cgcgccccgc cgcggggcgg 480
ggattcggcg ctgggctctt ccctgttcac tcgcggttac tgagggaatc ctggttagtt 540
tcttttcctc cgctgactaa tatgcttaa ttcagcgggt cgcacgtct gctcgtgccg 600
aattcggcac gaactgtgat gcccttagat gtccggggct gcacgcgcgc tacactgact 660
ggctcagcgt gtgctaccc tacgccggca ggcgcgggta acccggtgaa cccattcgt 720
gatggggatc ggggattgca attattcccc atgaacgagg aattcccagt aagtgcgggt 780
cataagcttg cgttgattaa ggtgcatgac accacaccgg gctaattttt gtatttttag 840
tagagacagg gtttcacat gttggccagg atggtctaga tctcttgacc tcgtgatccg 900
ccttcctcgg c 911
```

<210> 5924

<211> 1041

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (53)...(40)

<223> similar to gil710367 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 5924
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caatcttggc aatgacctaa gcaatgtcgt ggataagctg gaacctgttc ttcacgaggg 180
acttgagaca gttgacaata ctcttaaagg catccttgag aaactgaagg tcgacctagg 240
agtgcctcag aaatccagt cttggcaact ggccaagcag aaggcccagg aagctgagaa 300
attgctgaac aatgtcattt ctaagctgct tccaactaac acggacattt ttgggttgaa 360
aatcagcaac tccctcatcc tggatgtcaa agctgaaccg atcgatgatg gcaaaggcct 420
taacctgagc ttcctgtca ccgcgaatgt cactgaggcc gggcccatca ttgaccagat 480
tatcaacact gagagcctcc ttggacctcc tgaccgcagt cacaattgaa actgatcccc 540
agacacacca tcctgttgcc ggactgggag aatgcgccag agaccaacc agcatctcac 600
tttgcttgct ggacaaacac agccaaatca tcaacaagtt cgtgaatagc gtgatcaaca 660
cgctgaaaag cactgtatcc tccctgctgc agaaggagat atgtccactg atccgcatct 720
tcatccactc cctggatgtg aatgtcattc agcaggctcg cgataatcct cagcacaaaa 780
cccagctgca aacctcatc tgaagaggac gaatgaggag gaccactgtg gtgcatgctg 840
attggttccc agtggcttgc cccacccctc tatagcatct ccctccagga agctgctgcc 900
```

accacctaac	cagcgtgaaa	gcctgagtc	caccagaagg	accttcccag	atacccttc	960
tcctcacagt	cagaacagca	gcctctacac	atgttgctct	gcccctggca	ataaaggccc	1020
atttctgcac	caaaaaaaaa	a				1041

<210> 5925

<211> 2257

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1983)...(483)

<223> similar to gi5532485 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5925

tttttttttt	ttaaattttt	gaatttttatt	ttcgttttgt	tttacaactg	tggaacactc	60
agataatcta	taccatgtta	gtattcctac	aagagaaaac	gggtaaaaca	gtatttagaa	120
agcagtaccc	agtaaaacgt	tattacaagc	cattagatgt	gtttaaaaag	ttgataccta	180
atttataacc	ctgtaattgg	taaatgggtgc	atgacttaaa	tgttaaaatc	ctgtatttta	240
aggatagtct	tctgcagtta	caaatcccat	ataccagat	ttcctgtagg	cttcacaaat	300
cggaggggta	catagaatgt	gcaagagtca	aaggataaat	aattattataa	atatatatta	360
actatattac	ctaattaaaa	ccataatctg	ttaatacagc	tatggattaa	tttcaaaaaa	420
atgtaatcaa	atatattact	aatgggtgtag	ttggctgttt	tccaatgttg	gtaaagttat	480
taaagtctct	cactttcata	gagtcagat	tgagctgcca	aacgctgaaa	ttctccttct	540
gggttaaaag	cttggttttac	attcaaacct	ttcccattaa	gtgctaaata	tttgctgaat	600
gttggtcgaa	cccgttaactg	cttaggagct	ggaagagttt	ggtttggacg	tgccgtaacg	660
tctaattctg	tgttacatgt	agtcactcca	gcttcattaa	ctgctgacac	agtataccac	720
ccagcatctt	tcttggtttac	atctttttatc	agtaaagtaa	ctcttccagt	gttatcttga	780
tataagctta	ttcggtcagt	gttgaattgt	accatttcat	tatttctttt	ccagaaaagc	840
tttggtggag	gtatagccga	gatctggcat	tctagtttca	ctgaatctcc	ctctaaaact	900
tttttgctct	gtggtttgta	gataaacatt	gggtgctctt	tatgttcttt	tgcaaggaca	960
tccagctgca	cagtgaagg	ggcttctcct	gctctattct	tggaacaca	tgcataagcc	1020
cctgcatctg	aagctctgac	tacttcaaag	atgagtgaat	gaagaccctt	ctcagacact	1080
atcattttgt	gcaaatcatc	tgattgaact	gttcttccat	ttagatacca	tgacacatca	1140
ggagctggca	gtccactcac	tttgaagtcc	attctgcaga	atcttctctc	atcaatcgac	1200
atgttctctg	gcacttgaat	gaaacgtggt	gggtaaaatt	tctcctggat	tgcatcctga	1260
tcattcacat	ctccccttga	ggttgatcta	cttcttactt	gtgatgtagg	aacttgcagt	1320
cgcgcagtgt	ctgagttgtg	ttgctgcgag	tcttggtgcac	cactgtcatc	ctgagcttga	1380
aacacagcag	ctgcattctg	tggtcctagc	aatctgcgag	ccatcttctc	ttcatatggt	1440
agacgttgat	ttccattatg	aagaagggtg	tccttgcat	tcagctttct	ttccaaatct	1500
tgaatcaaag	cttcttttga	tccttgattt	tcatgatcag	gagttcttgg	tatgggctta	1560
accatttgca	gtttgggatg	gctttgccat	ttatagggtt	ggcccagctg	aggactgttg	1620
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gttgagacca	gcatgctgct	ggggagaagc	agggaaagca	gaggaggaca	tggtgatgtg	1800
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aatggaagac	tgtttggtct	ggctagagaa	gctggagggt	tctgggtccag	gaggctgcaa	1920
tctggagcca	catgggtttt	gggactggat	gaagtgtttt	ggacgttcgt	agttaaacad	1980
gcttagttgg	tatatggaag	atgaaggcaa	attattacta	taatgatttg	ttcctggaag	2040



ggtggggccc	tgaatttggg	gccacaagcc	tggaattacg	gaaggttgta	aggaatcaga	2100
agcaaccttg	gtctgtcttt	ccttggttag	atcctgagaa	tactgtgctc	ctggctttgg	2160
tagagtgacc	ttctcttgaa	gaatattggt	cccgtagttc	cagaggggtgc	cagctggggt	2220
taaccacta	ttgaaggga	ggaagaggca	tctcctt			2257

<210> 5926

<211> 1297

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (179)...(753)

<223> similar to gi1841555 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5926

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cagacccccg	ggagtcgtag	gaaccggttc	ctggacgctg	acgtcggctt	tcagggatcc	180
ctcgcgggac	gccgcggagg	gacagagcct	gggaagccgt	cgccccgccc	cgccccgcc	240
cccgcgcgca	gtgggcccgg	ggcgtgaga	cccgcgtaga	gcaaagcgca	aggtcccagc	300
gccccttgga	tcctcgggtg	cagggtcggg	gcaagtgtca	ttgcgagggg	tcaggaagcc	360
ccggcctgtg	atcgtgagcg	gaaacccctc	ctggagtttc	cccaaagcca	tggacagccc	420
tagtcttcgt	gagcttcaac	agcctctgct	ggagggcaca	gaatgtgaga	cccctgcccc	480
gaagcctggc	aggcatgagc	tgggggtcccc	cttaagagag	atagcctttg	ccgagtcctt	540
gagggggttg	cagttcctgt	caccgcctct	tccctccgtg	agcgctggcc	tgggggaacc	600
aaggccccct	gatgttgagg	acatgtcate	cagtgcagct	gactcggact	gggatggagg	660
cagcgtcttt	tcaccatttc	tacccacaga	ccacctcggc	ttggctgtct	tctccatgct	720
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cctgacctat	agtaggtgct	acgtatctgc	ttttggaata	catgcatgaa	tgaatgaatg	840
ggtatgttgg	gtgggggagg	gaccagggga	agggctctggg	actgagggga	tgccctgggtc	900
actgctgccc	actgcctcta	cagaccaaca	aggcttgggc	caagggggac	atccaggggg	960
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agagagtgga	gaatcttggt	ggatgaggct	gcggcgccgg	caggagcatc	tagaaacggg	1200
agcgagctgg	actggaacct	ttccccttcc	tggccaccgc	tcttcggggc	gcagcaacct	1260
gagattaaac	accagacacc	cttgcagcca	aaaaaaaa			1297

<210> 5927

<211> 2548

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (170)...(2039)  
 <223> similar to gi402649 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5927

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gggggccccg	ccggcagagg	tcctcggcc	tcctgactga	ctgactgcgg	ccgcctccgg	120
caaggtacgc	tagggagctg	cctgacggga	aggtgcgggg	agcggacgca	tggcctccgg	180
tgctttataa	cccgtatata	gagataattg	aacaacccag	gcagagggga	atgcggttta	240
gatacaaatg	tgaagggcga	tcagcaggca	gcattccagg	ggagcacagc	acagacaaca	300
accgaacata	cccttctatc	cagattatga	actattatgg	aaaaggaaaa	gttgagaatt	360
acattagtaa	caaaagaatg	acccatataa	acctcatcct	catgatttag	ttggaaaaga	420
ctgcagagac	cggctactat	gaagcagaat	ttggacaaga	accgcagacc	ttttgttttt	480
ccaaaatttt	gggtattcga	tgtgtgaaga	aaaaagaagt	aaaagaggct	gataattaca	540
aggaataaag	gcaggaatca	atccattcga	tgtccctcga	aaacagctga	atgatattga	600
agattgtgac	ctcgatgtgg	tgagactgtg	gtttcgagtt	tttctccctg	atggacatgg	660
taatttgagc	gactgctctt	cctcctgtgt	gtctcgagcc	caatttatga	caaccgtgct	720
ccaaatactg	cagaattaag	ggtctgtcgt	gtaaacaga	attgtggaag	tgtcagagga	780
ggagatgaaa	tatttctact	ttgtgacaaa	gttcagaaag	atgacataga	agttcgtttt	840
gtgttgaacg	attgggaagc	aaaaggcatc	ttttcacaag	ctgatgtaca	ccgtcaagta	900
gccattgttt	tcaaaactcc	accatattgc	aaagctatca	cagaacccgt	aacagtaaaa	960
atgcagttgc	ggagaccttc	tgaccaggaa	gttagtgaat	ctatggattt	tagatatctg	1020
ccagatgaaa	aagatactta	cggcaataaa	gcaaagaaac	aaaagacaac	tctgcttttc	1080
cagaaaactgt	gccaggatca	cgtagaaaca	gggtttcgcc	atgttgacca	ggatggctct	1140
gaactcctga	catcagggtga	tccaccaccc	ttggcctccc	aaagtgtcgg	gattacagtt	1200
aattttcctg	agagaccaag	acctggtctc	ctcggttcaa	ttggagaagg	aagatacttc	1260
aaaaaagaac	caaacttggt	ttctcatgat	gcagttgtga	gagaaatgcc	tacagggggt	1320
tcaagtcaag	cagaatccta	ctatccctca	cctgggcccc	tctcaagtgg	attgtcacat	1380
catgcctcaa	tggcacctct	gccttcttca	agctgggtcat	cagtggcccc	ccccaccccc	1440
cgctcaggca	atacaaacc	actgagtagt	ttttcaacaa	ggacacttcc	ttctaattcg	1500
caaggtatcc	caccattcct	gagaatacct	gttgggaatg	atttaaattgc	ttctaattgct	1560
tgcatttaca	acaatgccga	tgacatagtc	ggaatggaag	cgatcatccat	gccatcagca	1620
gatttatatg	gtatttctga	tcccaacatg	ctgtctaat	gttctgtgaa	tatgatgaca	1680
accagcagtg	acagcatggg	agagactgat	aatccaagac	ttctgagcat	gaatcttgaa	1740
aacccctcat	gtaattcagt	gttagaccca	agagacttga	gacagctcca	tcagatgtcc	1800
tcttccagta	tgtcagcagg	cgccaattcc	aatactactg	ttttgttttc	acaatcagat	1860
gcatttgagg	gatctgactt	cagttgtgca	gataacagca	tgataaatga	gtcgggacca	1920
tcaaacagta	ctaattccaa	cagtcatggt	tttgttcaag	atagtcagta	ttcagggtatt	1980
ggcagtatgc	aaaatgagca	attgagtgac	tcctttccat	atgaattttt	tcaagtataa	2040
cttgcaagat	ttaaatcctt	ttaaatcttg	ataccaccta	tatagatgca	gcattttgta	2100
tttgtctaac	tggggatata	atactatatt	tatactgtat	atataatact	gactgagaat	2160
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gctcacacct	gtaatcctag	cactttggga	ggccaaggcg	ggtggatcac	ttgagaccag	2340
gaattcgaga	ccagcctggc	caacatgggtg	aaaccccgtc	tctactaaaa	atacaaaaat	2400
tagctgagca	tgggtgtacg	tgctgtact	gtcagctact	tgggaggctg	aggcacaata	2460
attgtttgaa	cccaggaagc	agaggttgca	gtgagctgag	atcacaccac	cgcactccag	2520
cctgggtgac	agagtggagc	tctgtctc				2548

<210> 5928  
 <211> 959  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (829)...(867)  
 <223> similar to gi2828026 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5928  
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 atggggacag gcgccatgaa gggctgacat gggagggaga cataggcagt ggctggcagg 120  
 gggcaggtgg ggatgggggt cagggggagg aggtgcctgc tgggcctagt gtgtcatgtc 180  
 ccctccacac acgccaccaa actcccactg ctccgagccg cactacatcc ctgctcccca 240  
 gcctaggggc tgtgtctggg cctgaccctt tgtgagctct cctcagtcct agtcaagtgg 300  
 acctctctcc tccctctcca cagcccttgc ccttgtccag gccaccatca ccatcaccaa 360  
 caccatcctt gccagcctgg agtccctct ctccattctg tggggctaata ggggggtggct 420  
 gtgtgggaag cctctggggg ctaccgttgg ggagctctgc atggctgagg ttgggggttc 480  
 tctgggaacc tgtggccaag ggtctctggt cacagtgccg aggtgggcct ggcttttcca 540  
 cagtggagtc cattgatgat tacgtgaacg ttccggagag cggggagagc gcagaagcgt 600  
 ctctgggtga gtgaccgggt cttgtcgggt cctgcccctg caccctcgtg ccccaccatg 660  
 ctctcagtgt gaccagatcc caccctgggg ctaccacac cctctgcccc ctctgtctgg 720  
 gcgtcccctt gctctctcgc cctctgacc cctttgcgtg gctgcccctc cttctgatct 780  
 gtccccacag atggcagccg ggagtatgtg aatgtgtccc aggaactgca tcttgagcgg 840  
 gctaagactg agcctggtgt gttctgcggg aggggcagga gctggggtag ctgctttggg 900  
 cttgggggga tagcttgcaa gctggagacc aacctcccct cccttacagc cgccctgag 959

<210> 5929  
 <211> 1424  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (280)...(1186)  
 <223> similar to gi4586838 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5929  
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 agcagtagcc aagaaaaaaa tggaaaaggg gaagtaataa tacccaaaga gaagttctgg 120  
 aagatatcta cccctcccga ggcatactgg aaccgagagc aagagaagct gaaccggcag 180  
 tacaacccca tcctgagcat gctgaccaac catacggggg aggcgggcag gctctccaat 240  
 ataagccatc tgaactactg cgaacctgac ctgaggggtc cgtcgggtgt tacgggtttt 300  
 aacaacttgc cggacagatt taaagacttt ctgctgtatt tgagatgccg caattattca 360

ctgcttatag	atcagccgga	taagtgtgca	aagaaacctt	tcttggtgct	ggcgattaag	420
tccctcactc	cacattttgc	cagaaggcaa	ggcaatccgg	gaatcctggg	gccaagaaag	480
caacgcaggg	aaccaaaacg	tggcgagagt	cttcctgctg	ggccagacac	ccccagagga	540
caaccacccc	gacctttcag	atatgctgaa	atttgagagt	gagaagcacc	aagacattct	600
tatgtggaac	tacagagaca	ctttcttcaa	cttgtctctg	aaggaagtgc	tgtttctcag	660
gtgggtaagt	acttcctgcc	cagacactga	gtttgtttcc	aagggcgatg	acgatgtttt	720
tgtgaacacc	catcacatcc	tgaattactt	gaatagttta	tccaagacca	aagccaaaga	780
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cctctactcc	ggccacctgg	ccctgaggct	gtaccatatc	actgaccagg	tccatctcta	960
ccccattgat	gacgtttata	ctggaatgtg	ccttcagaaa	ctcggcctcg	ttccagagaa	1020
acacaaaagg	ttcaggacat	ttgatatcga	ggagaaaaac	aaaaataaca	tctgctccta	1080
tgtagatctg	atgttagtac	atagtagaaa	acctcaagag	atgattgata	tttgggtctca	1140
gttgcagagt	gctcatTTaa	aatgctaaaa	tagatacaaa	ctcaattttg	catagaaagg	1200
tgtatTTTga	atagttccca	tgTTgtgttc	tcacattata	gtaatttcta	tattatacca	1260
tgaaaattgt	ctttatgagt	gatacccaat	tgagggcctc	taaacctttc	tctttgttac	1320
taaccttatc	attgatagtc	ttatttgttt	ttttcttttt	tatctctctt	gtgtattctt	1380
tcacttttat	tcttactatt	tgtactatct	cttttatata	ttcg		1424

<210> 5930

<211> 2634

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (95)...(2042)

<223> similar to gi5901872 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5930

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cgaggatgac	gaggtgccgg	tggagcccga	gtctgactcc	ggggacgagg	aagaggaggg	180
gccccattgtg	ctgggcagac	gacaaaaagc	tttggggaag	aaccgcagtg	ctgatttcaa	240
ccctgatttc	gttttctactg	agaaggaggg	gacgtacgat	ggcagctggg	ccctggctga	300
tgtcatgagc	caactcaaga	agaagagggc	agccactaca	ttagatgaga	agattgagaa	360
agttcgaaag	aaaaggaaaa	cagaggataa	agaagccaag	tctgggaagt	tggaaaagga	420
gaaagaagca	aaggaaggct	ctgaacccaa	ggagcaggaa	gaccttcaag	agaatgatga	480
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agcaggagga	ttttttgaag	atgcatctca	gtacgatgaa	aacctctcgt	tccaggacat	660
gaacctttcc	cgccctcttc	tgaaggccat	tacagccatg	ggcttcaagc	agcccccccc	720
gatccagaag	gcgtgcatac	ctgtgggtct	attggggaag	gacatctgtg	cctgtgcagc	780
cactgggaca	ggtaaaaactg	ccgcctttgc	cctgcctgtt	ttggagcgtc	tgatttataa	840
accccgccag	gctccagtca	cccgcgtgct	ggtgctagtg	cccacccgag	agctgggcat	900
ccagggtcac	tctgtcacca	gacagctggc	ccagtctctg	aacatcacca	cctgcctggc	960
tgtgggcggc	ttggatgtga	agtctcagga	agcagctctt	cgggcagcgc	ctgacatcct	1020
catcgccacc	ccaggccggc	tcatcgatca	cctccacaac	tgcccttctt	tccacctgag	1080
cagcatcgag	gtgctcatcc	tggacgaggc	tgacaggatg	ctggatgagt	actttgagga	1140

gcagatgaag	gagatcatcc	gaatgtgttc	ccaccaccgc	cagaccatgc	tcttctcggc	1200
caccatgaca	gacgaggtga	aagatctggc	ttctgtctcc	ttgaagaatc	ctgtccggat	1260
atttgtgaac	agcaacacag	atgtggctcc	cttctgtcgg	caggagttca	tccggatccg	1320
gcctaatacgt	gaaggagacc	gggaagccat	cgtggcagct	ttgttgacga	ggaccttcac	1380
tgaccatgtg	atgctgttca	cgcaaaccac	gaagcaggcc	caccgcatgc	acatcctcct	1440
ggggctcatg	gggctgcagg	tgggtgagct	ccatggcaac	ttgtcacaga	cgcagcggct	1500
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agcccgtgga	cttgacattg	agggggtcaa	aacggtaatc	aacttcacaa	tgcctaatac	1620
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agtctctctg	gtgggagaag	atgagcggaa	gatgctgaag	gagattgtaa	aagctgccaa	1740
ggccccctgtg	aaggccagga	tacttcccca	agatgtcatc	ctcaaattcc	gggacaagat	1800
tgagaaaatg	gagaaagatg	tgtatgcagt	tctgcagcta	gaggcggagg	aaaaagagat	1860
gcagcagtca	gaagcccaga	tcaatacagc	aaagcggctc	ctggagaagg	ggaaggaggc	1920
agtggtccaa	gagcccagaga	ggagctgggt	ccagaccaa	gaagagagga	agaaggagaa	1980
aattgccaaa	gctctgcagg	aatttgactt	ggccttaaga	ggaaagaaga	aaaggaagaa	2040
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aatcctcaag	gcgcagatgt	ttgctgaacg	gctagcgaag	aggaatcgca	gagccaagcg	2160
ggccccgagca	atgccccgagg	aggagccagt	gagaggtcct	gccaaagaagc	aaaagcaggg	2220
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tcgagctggc	ccttcctttg	aagaaaggaa	acagttgggc	ttgccccacc	agagacgagg	2340
aggaaacttt	aatctctaat	ccagatacaa	gaggaggaag	tagctgtcgt	ggcctgaaga	2400
aattcatggg	ggcagccctt	aaatcccttc	cctgtgggaa	gtcatcctgg	ctggtctgtc	2460
ttttctccat	ttgtttaaaa	aaaaaacaac	aacaaaaaac	aacactttgg	tgtggtggtg	2520
tggtacgtag	ctattttcct	aagcatgtct	gtcaatctcc	cttcttgctg	attagctttc	2580
atagactatt	attaaatgga	agtatttttg	ggaaaagaga	aacaaaaaaa	aaaa	2634

<210> 5931

<211> 897

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (889)...(162)

<223> similar to gi33724 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5931

tttttttttt	ttctgattga	caatgagaat	atttattgag	ggtttattga	gtgcagggac	60
gaagggtctg	atgccccctg	ggtgggagga	gagaccccct	cccccgggaa	tcctgcagct	120
ctagtcctcc	cgtgggtggg	ggtgaggggt	tgagaacctc	tgaacattct	gtaagggcc	180
actgtcttcc	tcccacggtg	ctccccttca	atgcgtgacc	ctggcaactg	taaccttctg	240
tgggaacttc	cactgctcaa	gccgtcaagc	ctaagataag	ctgctggccg	cgtacttggt	300
gttgctttgt	tgtggagggt	gtgggggggt	ctccactccc	gccttgacgg	ggctgctatg	360
ctgccttccc	aggccacttg	tcacggctcc	cggggtagaa	gtcacttatg	gagacacacc	420
agtgtggcca	ttgttgggct	tgaagctcct	cagaggaggg	ctgggaacag	agtgaccgga	480
ggggagcagc	cttgggctgg	acctaaggac	gggtaagctt	ggccccctcc	gccgaatacc	540
acatgatcac	tactactatc	ccacacctga	cagtaatagt	catccctcat	ccatagcctg	600
tgccccgctg	atggtcaaag	tggctgttgt	tccagagttg	gagccataga	atcgtttatg	660
gatccctgag	ggcgggtcgc	tatcaccata	gacgaccagc	acaggggcct	ggcctggcct	720

ctgctggtac	cagtgcacac	ttttacttgc	aatgttgatt	ccccacagc	taatcctggc	780
cgcttttct	ggggccactg	acaccgaggg	tggctgagtc	agcacatagg	aggtcacaga	840
gcctgtgcag	tgagagagga	ggccgaggag	gagaacggtc	caggccatgg	ctgaggc	897

<210> 5932

<211> 2352

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (102)...(1508)

<223> similar to gi3878119 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5932

tttcgtctgc	gcgagagttt	ctgctcgctc	aaccgagttg	tcgtgttgcc	ctcgtttctc	60
agatccccgc	cggaagtga	gagagcaagc	agatttgaac	ctatctgctt	tcaagctggt	120
catcatgatg	aaacttagac	acaaaaataa	aaagccaggt	gaaggttcca	agggccacaa	180
gaagataagt	tggccctacc	ctcagcctgc	aaagcaaaat	gggaagaaag	caacctccaa	240
agtgcctct	gcacctcatt	ttgttcaccc	caatgatcat	gccaatcgag	aggctgaatt	300
aaagaagaag	tgggttgagg	agatgagggg	gaagcagcaa	gccgcccggg	agcaagaaag	360
acaaaaacgc	aggaccattg	agagctactg	tcaggatgtc	ctaagacgcc	aggaggagtt	420
tgagcataag	gaggaaagtt	tgcaggaatt	aaatatgttt	cctcagctgg	atgacgaggc	480
cacgaggaag	gcttattaca	aggagttccg	taagggtggtg	gaatactctg	atgtgattct	540
ggaagtccctg	gatgccagag	accattagg	ctgccgctgc	ttccaaatgg	aggaggctgt	600
cctgcgagca	caaggcaaca	agaagctggt	cctggtcttg	aacaagattg	acctggtccc	660
caaggagggt	gtggagaaat	ggctggatta	ccttcggaat	gagttgcaa	ccgtggcttt	720
caaggccagt	accagcatc	aggtcaaaaa	cctgaatcgt	tgcagtgtgc	cagtagatca	780
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tctggggaac	tattgccgcc	ttggtgaagt	gcgcaccac	attcgtgtgg	gtgttgtggg	900
tcttcccaat	gttggaaga	gcagcctgat	caatagcctg	aagcgcagcc	gcgcagtcag	960
cgtgggagct	gttcttgga	ttaccaaat	catgcaggag	gtctacctgg	acaagttcat	1020
ccggctcttg	gatgctccag	gcattgtccc	agggcccaac	tcagaggtgg	gcaccatcct	1080
gcgtaactgc	gtccacgtgc	agaagctggc	agaccctgtg	acccagtggt	agaccatcct	1140
gcagcgctgc	aacctggagg	agatttccaa	ctattatggc	gtctctgggt	tccagaccac	1200
tgagcacttt	ctgacggcag	tggccaccgc	tttggggaag	aagaagaagg	gaggcttata	1260
tagtcaggaa	caggcggcca	aagctgtcct	agctgactgg	gtgagcggga	agatcagctt	1320
ctatatacca	ccaccagcca	ctcacactct	gcccacccat	ctcagtgtctg	agatcggtta	1380
ggaaatgacc	gaggtctttg	acatcgagga	tactgagcag	gccaatgaag	acaccatgga	1440
atgcttggcc	accggagaat	ctgatgagct	gttgggtgac	acggacccac	ttgaaatgga	1500
gatcaagttg	ctccattctc	cgatgacgaa	aatagcagat	gccattgaaa	ataaaaccac	1560
cgtgtataag	attggagatc	tactgggta	ttgcaccaat	ccgaaccgtc	atcagatggg	1620
gtgggctaaa	cgcaatgtgg	accaccgccc	taagagcaac	agtatggtgg	atgtctgtctc	1680
agtggaccgc	cgctcagtgc	tgcagaggat	catggagacg	gacccctgc	aacagggccca	1740
ggctctggca	tctgccctga	aaaataagaa	gaagatgcag	aaacgtgcag	ataaaatcgc	1800
cagcaagctg	tctgattcca	tgatgtctgc	tctcgacctc	tctggcaatg	ctgatgatgg	1860
tgttgggtgac	taatcgactg	atctcacttc	ccttcgctc	caagcaccag	ttccggtggt	1920
acgggggaat	accagtga	tagtttggtt	ctccctgaag	catctgcata	ttgaaagaac	1980
gctttcccca	ctgtgtgtct	tctccccctc	ctccagtaaa	aacagtccc	gctgggtgct	2040

gtgggtcacg	tctgtaatcc	cagcactttg	ggaggccgag	gtgggaggat	cacctgaggt	2100
cgggagttcg	agaccagcct	ggccaacatg	gtgaaacccc	gtctctacta	aaaatacaaa	2160
aaaatttagc	cgtgcttagt	ggcacctata	gtcccagcta	cttgggaggc	tgaggcagga	2220
gaatcgctg	aacctgggag	actaaggcgg	gagaatcgcc	tggacctggg	aggcagaggt	2280
tgcaagtgagc	ccagaccca	ccattgcact	ctagcctggg	caacaaccg	aaactccgtc	2340
ccaaaaaaaa	aa					2352

```

<210> 5933
<211> 1081
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (242)...(443)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5933						
cgcttttcggc	atggaggaaa	tttatgcgaa	gtttgtgtcc	cagaaaatca	gcaaaacccg	60
ctggcgaccg	ctgcctccgg	gaagtttaca	gaccgaggag	acgttcgcta	caggatcttg	120
ggacaatgag	gaaaattata	tttcaactgtg	gtctattgga	gattttggaa	acttggaactc	180
tgatggaggg	tttgaaggag	accatcagtt	attgtgtgat	atcagacacc	atgggtgatgt	240
aatggattta	cagttttttg	accaggaaag	aattgtcgct	gcttcatcaa	caggatgtgt	300
aacagttttc	cttcaccatc	caaataacca	gactctgtca	gtcaaccagc	agtggactac	360
agctcactac	cacacaggcc	ctggcagtcc	ttcctatagc	agtgcaccat	gtacaggtgt	420
tgtgtgcaac	aacccaaaaa	tcgttacagt	tggagaggat	ggtcgaataa	atctcttcag	480
agctgatcac	aaggaagctg	taagaacat	agacaatgca	gatagtagta	cactccatgc	540
tgtaaccttt	cttcgaactc	ctgagattct	tactgtaaat	tcaattggac	agttgaaaat	600
atgggatttc	agacaacaag	gaaatgagcc	ttctcagatt	attgtcactg	actggtgacc	660
gagtgccact	ccactgtgtt	gatagacatc	ccaaccaaca	gcatgttgta	gctactggtg	720
gccaaagatgg	aatgttgagt	atttgggatg	ttagacaagg	tactatgcct	gtatctctgc	780
tgaaggctca	tgaagctgaa	atgtgggaag	ttcactttca	cccatccaac	ccagaacatc	840
tttttacctg	ctctgaagat	ggatccctct	ggcactggga	tgcttccaca	gatgtacctg	900
aaaagtcgtc	actctttcac	caagaaaaat	tctggagcgg	agagcatgtg	tggagcatgc	960
atgcatgtcc	atgctataac	ttcatctaca	gagaaacaaa	cagtttcatc	taaggattaa	1020
ctaagaggaa	gaagcagtac	ttttttgtct	catagcatta	gtaaccaagc	taatgttcac	1080
c						1081

```

<210> 5934
<211> 1898
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1868)...(611)

<223> similar to gi1842105 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5934

```
cgtcgacttt ttttttttaa agtttcatag tggttctctt atttataaaa taatcacatt      60
caagtcttac cagagagtag caaagtcttc aattcctttc ctttcctttg aagaaataat      120
gtagagcaat cactcataaa tccctctaata taaaataaaa atccaagata ttatttgaca      180
atgagatgct ttattttaaac ttgatacatt tactatataa gaattctgtg aaaaaatggg      240
gtatgaaatt attttggatc tgaatctttg cattataaaa tctaacccaa aactatgtca      300
tttcaactgta ttctgtgact attagcagat ggatgaccaa aggcaactac ttcctttcct      360
ggcaaaacaa gacaagtttc agctgacttc cccatgggtg tacaagttct cctagtgaag      420
taaaaagtcc caacccctct ttctatgcat gtcactctcca ggaaggtaag ctttgggaag      480
cacctgcgcc agccctatat ctgtgcttgg catgagggtc acacagggtc ggcccttgaga      540
tggggatgtt cctctcaacc aaacaactct acttgaatta ttccgagact ccttggaggg      600
gtgaaacttc aggcctgggt gtctctgcag tgagatgtct gtggttggtg aacagttctg      660
tagagtcttg ttctactgat ctttcttcta ggtctgactc tgggattgta gtacaaccac      720
ctggcatgac catggtctgg tgggggctgc tgcacggta cttaggcaga gacggccacc      780
tttgataaat ctatcgaga gcaagggtgat atgtttcttc agttggcttg tgccttttg      840
gtatgttcaa gctggctgtt gaagggtcaa aagcctgctc ccttagaaac tcttcgacag      900
gcaagtcttc caacagggtg gaaatggcgg catccaccgt ttcttcccag cccaattctt      960
gagtgtcttc ttgtagcggc agaaatgcgc cttccagaat agcaacctgg tcagcactaa     1020
gcttctgcca cagcgcgac agcagaatca ccaaatgggt ggcaactctc agcctgggtg     1080
atgactggaa cagattgcct tggttttcct ccactgcac tgctagagca attacctgct     1140
tgtaggttcc atctaacaag gtgtccagggt gttgaagagg ggcaggagtt ttatctttga     1200
atcttgctag tagccggcgt tgaatggccc gaaattgtac agctctctca gataagagtt     1260
cttctaattt ttcaccattt atccgtagct caaaatggat ggatccaatc aactccaaaa     1320
tattccttga aaggggtaat agatccccga aaaagaacat gcaaaatctt tgactccctg     1380
tttttcaaaa tattcttgaa ggcgaagaat aagctcattg gttaatgaag cccaagatc     1440
cttcaaattg ttccactcct ggaatgcgaa tatccgttga agaagttttg gaagcaagaa     1500
cagtaattcc gagcacctcc ctaagaagtg aaaacccatt acattcacct gatcatcatc     1560
tgactgactg gcaaaacctg ggaagagact aagaagactg actggagatt tgttggtatc     1620
aatagtaatt ttgtggcttg cagtttttga aggtgacct ggtaggcaaa ttaactttag     1680
gggaagtcta aatttacatt ggataactcg cggaatgcca tcaggatttc gattcataaa     1740
ttcaaagggt aactgatcac aagtcattc taatggtggt tgcacgtaga ctgataattt     1800
ggctttttgc aatatcactc tgttctgcag tgtgaccttc accgtgacag aagggacaag     1860
gtcagttccc acctcaacat cggtcgcttg agaaactg      1898
```

<210> 5935

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (697)...(698)

<223> similar to gi522145 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters



```

<400> 5935
cggcacgaga tcatctcagt gagacagggt aactctatca cagccacaga gctgataatg      60
cagtgagtcc cagatatata cctcatttgt ctaatcccag agaattctct aggtgacttt      120
ttcaggataa gacacagttt tatctttatg aaaatttctt taacttttca ggagagaagg      180
ctcttatgac cgatacctac gaatggatga ctattgcagg agaaaggatg actcttattt      240
tgaccgttac agagatagct ttgatggacg gggccctcca ggcccagaaa gtcagtctcg      300
tgcaaaagggt aaagtagctg aaacagtcta ttctattat tgatagaaca ctttcaaaaa      360
gagagaggaa actaataacc agtaccacca tctgaaaaag ggctagtgcc ttggccaagc      420
agtgatataa aagaagaaat ataagtagct tattagtggg taaagagcat ttggcttgaa      480
aatgattttt aagatgcaaa ttagtaccat catctgggtt agtcatccaa caagaagaaa      540
taaatatgaa attccagcaa taagaaatga acaaaatgct ggtcactgtg gccaccacct      600
gtaatcctag cactttggaa ggccaaggcc ggcagatcac ttgagcccag gagttcgaga      660
ccagcttaag caacatgata aaaccccatc tctacaaaaa aaaa                          704

```

<210> 5936

<211> 2203

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (775)...(1647)

<223> similar to gil73157 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5936
tttcgtgacc gatggagatg gcggtcgagg ctgagtgacg gacgggtggag gccagagacc      60
cgggcctgaa ggggggggaca aacctgggtg cccgcaggag cccggcaggg tgtcttataa      120
gtatcaagaa cttactatat gtggttgaat aaacaatcaa ggtaaagagc atcaagtaaa      180
aacttctgct tgttgataag tacttcagac attccccagc tggctgaagt ggcataatgaa      240
ttatgaagtt ggatcatttg gaatgaatgt aagagaattg ccaagggctc ctctactcc      300
agagaggaaa cctcatccag ggccatgaag ccacttcctc accatctgtg tgctgcttaa      360
gctaattgctg cgggaaccat ggttccttgg gaggaatcaa gctgactctt ggcattgagat      420
tcctgccttc ctagggttga gagcggcact gccatggctt ctctggacga cccaggggaa      480
gtgagggagg gcttcctctg cctctgtgct ctgaaggatc tgcagtcttt ctatcagctt      540
cactcacatt acgaggaaga acactcaggg gaagaccgtg atgtcaaagg gcaaattaaa      600
agtcttgtcc agaaggctaa aaaagcaaa ggcagggttg tgaaacgaga aggggatcat      660
cgagcagagt cagggacca aggatatgag tctgtcagct atggaggggt tgatccgtac      720
atgtgggaac cccaggagcg tggtagctgt gactatgcca tctttccgac ttcaaaaaaac      780
accgagctgc tagaattgac cactatgttg tggagtgcaa taaactaata atcagggttag      840
agaagctcac tgcatttgac agaacaaata ctgagctctg aaagattcga gcaatagaaa      900
agtctgtggt gccttgggtc aacgaccagg atgtcccttt ctgtccagac tgtgggaata      960
agttcagcat ccggaaccgc cgccaccact gccgcctctg cgggtctatt atgtgcaaga     1020
agtgtatgga gctcatcagc cttcccttgg caaacaagct caccagtgcc agcaaggagt     1080
ccctgagcac ccacaccagc cccagccagt caccacaacag tgtccatggc tcccgcggag     1140
gcagcatcag cagcatgagc agtgctcagct cggctcctgga tgagaaggac gatgaccgga     1200
tccgctgctg tacacactgc aaggacacgc tgctcaagag agagcagcag attgatgaga     1260
aggagcacac acctgacatc gtgaagctct acgagaaatt acgactttgc atggagaaaag     1320

```

ttgaccagaa	agctccagaa	tacatcagga	tggcagcatc	attaaatgct	ggggagacaa	1380
cctacagtct	ggaacatgcc	agtgccttc	gagtggaa	gcagaaagt	tatgagctga	1440
tagacgcttt	aagtaagaag	atcttaacct	tgggcttgaa	ccaggacct	ccaccacatc	1500
caagcaattt	gcggctgcag	agaatgatca	gatactcagc	tacacttttt	gtgcaggaaa	1560
agttgcttgg	tttgatgtca	ctgccaacca	aagaacagtt	tgaggaactg	aaaaagaaaa	1620
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gaaggcttga	ggaaaggcag	agtggcctgg	cttctcgagc	ggccaacggg	gaggtggcat	1740
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gtcaggggca	gagtgaggac	tcagaccgc	tcctccagca	gatccacaac	atcacatcat	1860
tcacagggca	ggccaaggcc	gcgggcccga	tggatgaagt	gcgcactctg	caggagaacc	1920
tgccgcagct	gcaggacgag	tatgaccagc	agcagacaga	gaaggccatc	gagctgtccc	1980
ggaggcaggc	tgaggaggag	gacctgcagc	gggaacagct	gcagatgttg	cgtgaacggg	2040
agttggaacg	agaaagggag	cagtttcggg	tggcatccct	gcacacacgg	actcgggtccc	2100
tggacttcag	agaaatcggc	ccttttcagc	tggagcccag	cagagagcct	cgcacccacc	2160
ttgcttatgc	tttgatcta	ggctcttccc	cagttccaag	cac		2203

<210> 5937

<211> 2547

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (221)...(2331)

<223> similar to gil65652 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5937

aatttccggt	tcgacgatcc	cgccccctgg	cggagccggc	gcgcccgggg	tgccgctccc	60
tgccctggcg	gctccgcacc	tggaggtgcc	ttgcccctct	cctgcccacc	tcggaatttc	120
cctgtggctc	ctttgatcct	tcgagtctcc	agctcctctc	ccttccacct	gtttccccca	180
agaaaggcag	gatcctggtc	cctgctacgt	ttctggggcc	atggctggtc	tgggcccccg	240
cgtaggcgat	tcagaggggg	gaccccgccc	cctgttttgc	agaaaggggg	ctctgaggca	300
gaaggtggtc	cacgaagtca	agagccacaa	gttcaccgct	cgcttcttca	agcagcccac	360
cttctgcagc	cactgcaccg	acttcattct	gggtatcgga	aagcagggcc	tgcaatgtca	420
agtctgcagc	tttggtgttc	atcgacgatg	ccacgaattt	gtgaccttcg	agtgtccagg	480
cgctgggaag	ggcccccaga	cggacgaccc	ccggaacaaa	cacaagttcc	gcctgcatag	540
ctacagcagc	cccaccttct	gcgaccactg	tggctccctc	ctctacgggc	ttgtgcacca	600
gggcatgaaa	tggtcttgct	gcgagatgaa	cgtgcaccgg	cgctgtgtgc	gtagcgtgcc	660
ctctctgtgc	ggtgtggacc	acaccgagcg	ccgcggggcg	ctgcagctgg	agatccgggc	720
tcccacagca	gatgagatcc	acgtaactgt	tggcgaggcc	cgtaacctaa	ttcctatgga	780
ccccaatggt	ctctctgatc	cctatgtgaa	actgaagctc	atcccagacc	ctcggaacct	840
gacgaaacag	aagacccgaa	cggtgaaagc	cacgctaaac	cctgtgtgga	atgagacctt	900
tgtgttcaac	ctgaagccag	gggatgtgga	gcgcgggctc	agcgtggagg	tgtgggactg	960
ggaccggacc	tcccgcacag	acttcattgg	ggccatgtcc	tttggcgctc	cggagctgct	1020
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ttccccctagt	cccaccgacc	ccaagcgctg	cttcttcggg	gcgagtccag	gacgcttgca	1260
catctccgac	ttcagcttcc	tcattggttct	aggaaaaggc	agttttggga	aggtgatgct	1320

ggccgagcgc	aggggctctg	atgagctcta	cgccatcaag	atcttgaaaa	aggacgtgat	1380
cgtccaggac	gacgatgtgg	actgcacgct	ggtggagaaa	cgtgtgctgg	cgctgggggg	1440
ccggggctct	ggcggccggc	cccacttctt	caccagctc	cactccacct	tccagacccc	1500
ggaccgcctg	tatttcgtga	tggagtacgt	caccggggga	gacttgatgt	accacattca	1560
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gctggatgct	gagggacaca	tcaagatcac	tgactttggc	atgtgtaagg	agaacgtctt	1740
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cctaaccatc	cgtgcacatg	ggttttttcc	gctgggattt	gactgggagc	ggctggaacg	2100
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accgggatgc	ccgcagcccc	accagcccag	tgctgtgcc	cgtcatgtaa	tctacccgc	2340
cgccactagg	tgtccccaac	gtccctcccg	ccgtgccggc	ggcagcccca	cttcaccccc	2400
aacttcacca	ccccctgtcc	cattctagat	cctgcacccc	agcattccag	ctctgcccc	2460
gcgggttcta	gacgcccctc	ccaagcgttc	ctggccttct	gaactccata	cagcctctac	2520
agccgtcccc	cgttcaagac	ttgagcg				2547

<210> 5938

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (538)...(313)

<223> similar to gil345539 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5938

tttcgtcgca	gttcggaagg	acccgagtcc	cttatctaac	cgagagctaa	caggtcgggg	60
actgcgggac	ggaagaggga	ggggaagatg	aagaaaatcg	gtgatgaatg	gctggcgga	120
atgattggcg	gaaagaaaga	gccagttcac	agtgcgcctt	tgtattcggc	gggaaacccg	180
gccgaagagg	gagctggaaa	ggactccgga	atccggccgt	aattccagcc	aatcaggagg	240
tagagttgcg	gcgcgggggt	ggggcggggc	agtctcgcgg	gagatagttt	cgcgggttcg	300
ggaggcgagt	ctccggtttc	cgcccagttc	ctggggacgc	ggtggcgggg	tctgaatcgc	360
ctggcttcca	gggagttttg	ggcgggtccc	cgcacgggag	cgtggcaggc	gctggactcg	420
acagcagatg	tggaaactgga	gagcttggcg	cgcctccata	ctttgtcaca	cacctacgcc	480
accagactgg	ggtcggggcc	ctccgcgttc	tgctctggag	ggcctgggtc	tgggcccagc	540
atagcgcttt	tagaatctcc	tcagctgaat	ctgacgctca	gccgtaggtg	aagcttagcc	600
cgtgttttca	ggccccgcgg	atctggaagg	agtgtcagag	ctggagcgcg	cgtggcctca	660
tcggtgttgg	ggtcaccccc	gggttgccag	ggctcatgga	gggtcgtagt	ctggattttg	720
tcacccccac	gtccccgcgc	cgcagcaagt	ctgggggttg	agaactcacg	cggctcttcgt	780
aagctacatg	ccagttgacc	ctcaggaggg	gatgccccct	ccccttaagc	gtccacgctg	840
gagaagg						847

<210> 5939  
 <211> 1171  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1172)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (463)...(973)  
 <223> similar to gi4406696 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5939

tttcgtgtgt	gtgtgagagg	gagagacgac	gtgaggcgag	aggaaaagtc	tttagtcggc	60
cttaaaagca	aacaaatcag	agatggaata	agagcggtaa	ttgcagcaag	accgccttga	120
ttcttgagct	ccagggagct	gagcgacccg	cgcgcatccg	gcgaggacag	gagggcgaccg	180
cgggcgctgc	caagggctgc	gggactttgg	cttttctctca	gtaaacaat	cttttgatta	240
ctttgacact	gtggaataaa	gaagcgggga	gaaggatcag	gctcaccttc	acccgcttca	300
gggggattcc	agcttgatg	tcagattcct	gaaccgtctt	tgccatcgga	ggaggaaaca	360
catccacaca	cgcgcgcgca	cactcgcacg	ctcagggccca	cactcacacg	ccgccctcca	420
cgatcacaca	gcaccagact	tcggttccct	atgcccttgg	atggtgacgg	cggattggca	480
tcttggaagc	gatgagagag	cgataaggct	ggcgccggcc	cgcaaaagct	gcaggagcat	540
cgctaggtgt	tgccgccacc	gggaagcggg	gctgcaggat	gagtaagaga	tacttacaga	600
aagcaacaaa	aggaaaactg	ctaataataa	tattttattgt	aaccttgtgg	gggaaagtgt	660
tatccagtgc	aaaccatcat	aaagctcacc	atgttaaaac	gggaacttgt	gaggtggtgg	720
cactccacag	atgctgtaat	agaacaaga	tagaagaacg	gtcacaaaca	gtcaagtgtt	780
cctgcttccc	tgggcaggtg	gcaggcacca	cgcgagctgc	tccatcatgt	gtggatgctt	840
caatagtggg	acagaaatgg	tggtgccata	tcagccatg	tctagaggga	gaagaatgta	900
aagttcttcc	ggatcggaag	ggatggagct	gttctctctg	gaataaagtc	aaaacaacta	960
gggtaaccca	ttaaccagag	agaaatcaag	tgatcctcaa	ggctgatgac	attgaacatg	1020
cgcataggaa	acttaactca	actcctgagg	tgatctttga	agatttttat	taccactttg	1080
aaaagagggc	gttcantagt	ctattttccc	aaggggattt	tcngggcctc	tttctttgaa	1140
ttcaaggatt	ttttaaaagt	tcagacatga	a			1171

<210> 5940  
 <211> 1468  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (285)...(1390)

<223> similar to gi6010117 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5940

tcccgggtcg	acgatttctg	gcgaaaagcc	gggactggac	ctagcggagt	tgtgcttgtc	60
gccgaagcgg	gggtgggcttg	ttcgttccgc	gcagccgcag	ccagaaccgg	gtgacgctta	120
tccccgctgt	ctttccagtc	cagggccgct	gagagtgggg	gtggctggga	gcagcgcagc	180
ctccggagga	ggaggcggag	gccgaggacc	aggaatcacc	ttcaagccta	tgtcgtgagg	240
ctttggcaga	aattaagaag	gaaatatctc	cattgttcat	tggcatggaa	aaatgttcag	300
tgggaggatt	agagttgact	gaacagactc	ctgctttatt	agggaaatag	gccatggcaa	360
ctagtctcat	ggacataggg	gattcatttg	gtcatccagc	ttgtccttta	gtcagtagat	420
ctaggaactc	accagtggaa	gatgatgatg	atgatgatga	tgttgtgttt	attgaatcta	480
tacaacctcc	ttcaatttct	gctccagcaa	tagctgatca	aagaaacttc	atatttgcag	540
catcaaaaaa	tgaaaagcct	caaggaaatt	attctgtaat	tcctccttct	tcaagagatt	600
tggcatctca	gaaaggaaat	ataagtgaga	caattgttat	tgatgatgaa	gaggacatag	660
aaacaaatgg	aggagcagag	aaaaagtctt	cctgttttat	cgaatgggga	cttcctggaa	720
ctaaaaacaa	aaccaacgat	ttggatttct	ccacttccag	tctttcaaga	agtaaggtaa	780
atgcaggaat	gggtaatagt	ggtatcacta	cagaattgac	tctgaaatac	attattacta	840
atgttacaac	cttagaaaaca	ggtataagct	ctgtgaatgc	tgggcaagat	gtgaacataa	900
ttattacata	taaaacatca	ctatagaata	ccaacttggg	agatgtcgct	aaaggacttc	960
agtcagtaaa	ttttggtggt	aatatataaaa	cgtacacccc	atctttaact	ccacagacca	1020
agactggagt	aagacctttt	aaccctggta	gaatgaatgt	ggcaggagac	ttatttcaga	1080
atggagaatt	tgcaactcat	catagtccctg	aagatgcac	tacaaagaag	gctaattgtca	1140
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cctgtgaaaa	caactggaat	cttaaaaaag	gagtttttaa	taagtcaaga	tgtacaattt	1260
gtagtaaatt	agcagaggtc	tggattttta	tacctaaagt	gttgtttagg	ctaacagtga	1320
taatttttaac	ttttaagtgc	tattatgtac	tctttcatct	acataatgca	cgtgttctgg	1380
atgtataaca	tgaagctgaa	aggaagaata	aggatatgtt	agaactatct	tatgggatat	1440
tttataaata	aaattccatt	tgcatagc				1468

<210> 5941

<211> 4397

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(4398)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (26)...(2703)

<223> similar to gil871540 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5941

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catccggacc	gtcctgggccc	agcagatcct	gggacaactg	gacagctcca	gcctggcgct	120
gccccccgag	gccaagctga	agctggcggg	gagcagcggc	cgcgggcgcc	agacagtcaa	180
gagcctgcgg	atccaggagc	aggtgcagca	gaccctcgcc	cggaagggcc	gcagctccgt	240
gggcaacgga	aatcttcacc	gaaccagcag	tgttcctgag	tatgtctaca	acctacactt	300
ggttgaaaat	gattttgttg	gaggccgttc	ccctgttcct	aaaacctatg	acatgctaaa	360
ggctggcaca	attgccactt	atgaaggtcg	ctggggaaga	ggaacagcac	agtacagctc	420
ccagaagtcc	gtggaagaaa	ggtccttgag	gcacccctctg	aggagactgg	agattttctcc	480
tgacagcagc	ccggagaggg	ctcactacac	gcacagcgat	taccagtaca	gccagagaag	540
ccaggctggg	cacaccctgc	accaccaaga	aagcaggcgg	gccgcccccc	tagtgccacc	600
gagatatgct	cgttccgaga	tcgtgggggt	cagccgtgct	ggcaccacaa	gcaggcagcg	660
ccactttgac	acataccaca	gacagtacca	gcattggctct	gttagcgaca	ccgtttttga	720
cagcatccct	gccaacccgg	ccctgctcac	gtaccccagg	ccagggacca	gccgcagcat	780
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cagcgggagg	agagcgcact	tgactgtcgg	ccaggcgccc	cgccaggggg	aagtgggaat	1020
ctgcctcaac	tgagagaaa	cactttccac	tgactcccca	gctggggaat	gcaagacatg	1080
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gaagaggggt	aaccagcttc	gtgggcatcc	tcaagcttct	gcagctccta	aaagttcagg	1260
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tccaggtgic	tgaagcaaac	cagagacttg	ggagactaaa	aaacaaataa	cagaccatac	1440
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cactttggga	ggccaaggcg	ggcgatcac	gaggtcagga	gttcgagacc	agcctgacca	1560
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caaaagtatt	gggatgtttt	ggcagtcgaa	gcaggaaagt	aaaagagcaa	taccaggacg	2040
tgcccgatgc	cggaggaaaa	gagcaacccc	aagggcggtg	agtggtgtgt	gcattccatt	2100
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tccttaggag	ctctgcagaa	cctcacggcc	ggaagtggac	caatgccgac	atcagtggct	2220
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gacccaagtg	tgaaaaagac	agccatctcg	ctgctgagga	atctgtcccg	gaatctttct	2340
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caaattaaag	aagtcttttc	ctcccagaac	ttaaagtaaa	ataaaaaata	aataaataaa	3420

taaaatcttt	tccacagaga	aaggcaactg	tgatgataaa	atttaacggt	cccccaaaca	3480
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gctatggatt	aaaaccattc	atataggagt	taggtcttta	ccaactacta	ttctgttatt	4020
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gcctaacctt	gttcaaaatg	aaattattta	gataccaatt	tttaaaatac	tggagagaa	4260
ttatatgtct	ttttccagag	ttctgatgat	aagcatttgg	agtgcattta	ttcctccaga	4320
taataaatgt	gtgttcagaa	ctttttgtgt	tttttaaggc	attaataaag	ccttcgataa	4380
tattaaatac	aaaaaaa					4397

<210> 5942

<211> 1978

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (524)...(19)

<223> similar to gi5734705 in the genept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5942

attccccgggt	cgacgatttc	gtaaggagat	tccgaggaca	aagcgagctg	ttagggagta	60
tttgggagtg	gatttggggg	ctgaatgcag	atcttggtat	tgggagggtt	tgcatacagt	120
ggcaggtgcy	agcccagaga	gaccggcgca	gggatcctga	tcttgaaaga	ttgggagagg	180
gcaggaggcc	agtctctatg	ggggcggttc	ccgtaggatc	accaggtggg	ttcgcggtgcc	240
cagattgact	gcttggtggg	ggcatggcct	caggtggaga	ggcttgctgc	ggactcaggc	300
tggcgaatag	ccctggcgaa	caacggggcg	aggggaaggt	gtctttcaag	tcggtattta	360
ctctgaactg	aggggaagaa	agaacggagg	ccgcgtcaga	ccgagagctg	ctctgcggcg	420
gccagagagg	gaatcccaag	ctcttaattg	gcggggggtg	gggtagaaat	gtctttttct	480
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accccaatct	cccagttcat	ttcctaattc	ttaaactccg	gtttcaaact	ccctcgcttt	600
gctcttcagt	tgcaggttcc	gatctttggg	tactccagga	gctgttctat	agccctgct	660
tctggacctt	tggattctcc	atctagcgtt	tcttctatt	cctcctactc	tctctcttcg	720
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aatgggctga	agatgggtcg	ttttgagaga	ggattaagca	gttttcagca	gagtgtggca	1140
atggacagga	tccagcgtat	tgtagggtgt	ttgcagaggg	cacagatggg	ggaacgttac	1200

ctaggaacct	tgctacaggt	agaagggatg	ttaaagactt	ggtttccaca	aatagctgcc	1260
cagaagtcac	cattgggtgg	tggaagcat	cagctgacca	agcattttcc	aagccaccac	1320
agtgaattcag	ctgcttcctc	tcctgcatct	cctatggaaa	agatggacca	gacacagcta	1380
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tccttttagcc	atggctcctt	aggcactgga	accggcattg	gcgtcattct	tttctccag	1560
catggagtgc	aacccttcac	ccactctgcc	ccaaccaccc	agtcccacct	actacagcat	1620
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caccttggcc	agaaagatga	ccataggaca	ccgggagcag	cagagaagcc	atcctccagt	1800
tgctgctgat	gctcatcttc	tcaaccttct	agcccagggc	atacagctgt	ccactgtgac	1860
ttctaatttg	tgtaaattatt	tatgtatata	tgtattttta	ctattaatgt	gtgcatttgt	1920
gttgagggaa	gataaatcct	ttctgattaa	agaaattttt	ttatacctaa	aaaaaaaa	1978

<210> 5943

<211> 2000

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2001)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (141)...(1587)

<223> similar to gi3510234 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5943

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gctccatctc	cccgccacag	catggcacct	tgggcagtgg	ccgctcctcg	gacaaaggcc	180
cgctctggtc	cagccgctca	ctgggtgccc	gttgccggaa	ctccatcgcc	tcctgtcccg	240
aggagcagcc	ccacgtgggc	aactaccgcc	tgctgaggac	cattgggaag	ggcaactttg	300
ccaaaagtcaa	gctggctcgg	cacatcctca	ctggctcgga	ggttgccatc	aagattatcg	360
acaaaaccca	gctgaatccc	agcagcctgc	agaagctgtt	ccgagaagtc	cgcacatga	420
agggcctaaa	ccaccccaac	atcgtgaagc	tctttgaggt	gattgagact	gagaagacgc	480
tgtacctggt	gatggagtac	gcaagtgcgt	gagaagtgtt	tgactacctc	gtgtcgcatg	540
gccgcatgaa	ggagaaggaa	gctcgagcca	agttccgaca	gattgtttcg	gctgtgact	600
attgtcacca	gaaaaatatt	gtacacaggg	acctgaaggc	tgagaacctc	ttgctggatg	660
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agtacgacgg	gccggagggtg	gacatctgga	gcctgggagt	catcctgtac	accctcgtca	840
gcggctccct	gcccttcgac	gggcacaacc	tcaaggagct	gcgggagcga	gtactcagag	900
ggaagtaccg	ggtccctttc	tacatgtcaa	cagactgtga	gagcatcctg	cggagatttt	960
tggtgctgaa	cccagctaaa	cgctgtactc	tcgagcaaat	catgaaagac	aaatggatca	1020
acatcggtta	tgagggtgag	gagttgaagc	catacacaga	gcccaggagg	gacttcgggg	1080
acaccaagag	aattgaggtg	atggtgggta	tgggctacac	acgggaagaa	atcaaagagt	1140



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acgacaccan	caacggaaca	agttccagca	aaggcaccag	ccacagcaaa	gggcagcgga	1320
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cctccaaaga	gcaccccgaa	atgcaggggc	accatcactg	atgcccgga	acagaacggt	1920
cctcataaat	tatggggggg	ggcaagatct	taaaaactgg	gaaacatgcc	ttgccgcccc	1980
tccgaataag	catagaagga					2000

<210> 5944

<211> 1105

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (709)...(542)

<223> similar to gi2108256 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5944

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ggcaaaagag	gctgagaagg	agcatccaga	gaggtagggg	ggaaactggg	aggatggttg	180
ctcaggaaag	aggggagctg	actcagccac	gcttctcctg	gtcccccttg	ccttctggtc	240
taaggtagtg	ttcagggtgg	gtgttcagga	gggagaaacc	cttcggcctc	ccccctccct	300
atccctcttc	cctctctccc	tacccttttc	tttctcccg	cttcttctc	ccctgcctct	360
gtcctttcta	cccttctctc	ctcgcagccc	tctctactcc	accccatctc	ttctccttcc	420
ctccagtatt	ttggttcccc	ccacctgtag	gcccaggctg	aagcccagag	ggaacatgaa	480
ggagccgtgc	agctgctgga	ggtagggcgc	ctggaagtgg	cccccagttc	caccatcttg	540
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agtctacctt	ggattccatg	caggtagcgc	ctcgttctcc	acttccccac	acctctccag	960
gctggctgag	ttgcatctcc	tccctcaggg	cccaggcagt	ccccctctct	catccagcag	1020
agggggtgtc	actgggagca	ggcatgagaa	tccatagggg	gtggagtttc	cacaggacac	1080
gtgcggctgt	ccccttgctc	caggc				1105

<210> 5945  
 <211> 6215  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (295)...(5000)  
 <223> similar to gi2224585 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5945

cccgcgaattc	cggggtcgac	gattatctgg	gcacccggca	gccacagcgc	agcgagagcg	60
gacgggtcgcc	atggttccct	ccccagccag	tcccaggcgc	ccgggtgact	atgcgggggca	120
cgtgcgcccc	ccagctctaa	tctgcgcgct	gacaggagca	tgatctgtgc	ccaggccagg	180
gctggcaaga	atctgtacca	caacagggtt	ttaggcctgg	ccgccatggc	gtttccttct	240
agaaactccc	agagcctacg	ccgggtgcaag	gagccgatcc	gatacagcta	caacccccgac	300
cagttccaca	acatggacct	cagggggcggc	ccccacgatg	gcgtcaccat	tccccgctcc	360
accagcgaca	ctgacctggg	cacctcggac	agccgctcca	cgctcatggg	caggagctcc	420
tactattcca	tggggcactc	tcaggacctg	gtcatccact	gggacataaa	ggaggaagtg	480
gacgctgggg	actggattgg	catgtacctc	attgatgagg	tcttggtccga	aaactttctg	540
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gatggcgaca	cgcaccccag	caccggggagc	gagagcgact	ccagccccag	gcaaggcggg	2160
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tgattttgg	attccatgat	ttttattttc	aaaccaaata	aggattgaca	aaagctgtgc	5160
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gttcaagttc	ctttgcattc	gattgtccat	cgggaccaca	ctaggaagct	gcagagagta	6180
atggtgcttg	ttagggatca	agggcaacat	ctatt			6215

<210> 5946

<211> 1525

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1401)...(572)

<223> similar to gi3880422 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5946

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cctgggctca	agtgatectc	ccgcctcagg	ctcccaaagt	gctgggtag	caggcatgag	180
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aagggtgcca	gttacacatt	ttcagacatc	atcttgttta	ttacaaaact	taaaacacct	300
tccaggcaag	atccaaagca	attttatcct	aacattgttc	accttcatct	gtagagtcaa	360
atgtatctgc	cagcttgtgt	tgacaagggg	gaatgcttcc	catttggtca	aggttgaggg	420
acagtaaagg	aatcttgtat	tctaattgagt	acagcatcct	ttcattgtcc	aagccatcca	480
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ctccatcgcc	gcgaattccg	ccacg				1525

<210> 5947  
 <211> 2234  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc feature  
 <222> (358)...(596)  
 <223> similar to gil710216 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5947

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gcaccctgca	tacaagggaa	aggcctcgaa	atgcgctcac	caaagcctca	gagttttatt	180
atcaggagct	cacattcagg	agcagggtctg	cttgtcaaga	atccaagcac	gcctgtgttc	240
tgtggccaca	ggagaggagg	ggccgctttt	aaatacaagc	ctactcctgt	cgttggacca	300
gaacaaagac	ctactggcca	gaagcacatg	agaggaggag	tttactctt	gtcgcccagg	360
ctggagtgca	gtggcacgat	ctcggtcac	tgcaacctcc	gcctcccaag	ttcaagcaat	420
tctcctgccc	cagcctcctg	attagctggg	attacaggcg	tgtgccacca	tgcccagcta	480
atTTTTgtgt	ttttagtaga	gacgggggtt	caccatgttg	gtcaggctgg	tcttgaactc	540
ctgacgtggt	gatccacctg	cctcggcctc	ccaaagtgt	gggattacag	gcgtgagcca	600
ccacgcctgg	ccgaaaaacc	cactctcata	acagaagtgc	agactcattg	ctagattcag	660
tgcccttgag	tgtgccagag	gtcctctgtg	tttgagacaa	tctgtgtgt	gccaggaggc	720
tccgtgtgca	ccaggggctc	tcagaatccc	gcttaccag	ctggagacca	tgccctctggc	780
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ttcgaggcct	ttcccttgta	tgcagggtgc	cagtgaggagc	tgctatgtct	cctgtgcagc	960
cagacaccct	ggacgaggcc	cttcccacct	cccccttcc	tcacggcttc	ttcagcacca	1020
catgtggatg	cctgtgggtc	agtcacatctg	tccatgggca	ggggccgctg	tgagagaccc	1080
catgcgcgtg	ggatgtggta	gatgctgatt	atggggccag	ccaccatac	aggtctatca	1140
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tgggggccag	gggatggtag	gaggggcagg	agagcaggtc	tgcatctgtc	tcagccccag	1260
gagctcctgg	tttggggcca	gctctaagga	gcttcatccc	tgagcctggc	cgagtataag	1320
ggggtcccgg	atatccaatg	ctgagaccta	gacttttcta	agcctctgca	cccaaccct	1380
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ccagcctgat	tgtgacatga	tgtgagtcca	cctaggagg	agcaggggccc	tccccgtctc	1500
ttccccctct	tgccagacc	actttgctgg	gtcagagccc	ttccatggct	cactttgaac	1560
tcagaagagt	ttcccagctg	cgaccaggcc	tgcaccccca	ggcctgagga	gaaactgagg	1620
ccccacatcc	catacgtgtc	ctctgagtca	ggacaacagg	ctcccggctg	ggggcactgc	1680
ccttgctgcc	aacacattca	cctgccccag	tggctaccat	gtcctgtgcc	ggtgaccagt	1740
gccagtcccc	aacctggatg	gtgccctgcc	ctcatgaaga	gccccccgga	tgttcacctc	1800
tgcccagaga	cccggcctgc	ccaggaagag	cagtctctgc	tcttgtgtgg	gtccctctgc	1860
ccccaccctg	cccagggtc	cccagcagcc	tgaggccct	aaggaagaac	agccctcaat	1920
ggtgattcta	ttggtgttat	gagttgtgtc	cccaaagaga	tatatcagt	tcctgacca	1980
cagtacctca	gaatgtgact	gcatttgagg	atagggttct	tccaggggta	accaaggtag	2040
aatgaggctg	ttagtgtggg	ccctaatacca	atatgacggc	tatccttata	aaaagaggaa	2100
catttaggct	ggatacagt	gctcatgcct	ataatcccag	caccttggga	ggctgaggca	2160
ggaggacttg	cttgagctca	ggagttcaag	accagcctgg	ggcaacatgt	cgaaacgctg	2220
tgtctaccaa	aaaa					2234

<210> 5948  
 <211> 1596  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (869)...(581)  
 <223> similar to gi5911959 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5948

ggtggaattc	ctcagcaccg	cctctcaaca	gggatgactc	agcagggatg	actcagcacc	60
gcccctcaac	aggcatgact	ctgcagagat	gactcagcac	tgcccttag	cagggatgac	120
acagcaagga	tgactcagca	ctgcccctca	gcaaggatga	ctcagcactg	ccgctcaaca	180
gggatgactc	agggatggct	tagtactgcc	cctcaacagg	gatgactcag	cagggatgac	240
tcagcaccgc	ccctcaacag	gcatgactct	gcagagatga	cttagtactg	cccctcagca	300
gggatgactc	agtactgccc	ctcagcaggg	atgactcagc	actgcccctc	aacagggatg	360
actcagcagg	gatgactcag	cactgtccct	tagcagtgat	gacacagcaa	ggatgactca	420
gcactgcccc	tcagcaagga	tgactcagca	ctgccgtca	acagacatga	ctcagggatg	480
gcttagtact	gcccctcagc	agggatgact	cagcaccgcc	cctcaacagg	gatgactcag	540
cactgcccct	caacagggat	gactcagcag	ggatgactca	gcactgtccc	ttagcagcga	600
tgacacagca	aggatgactc	agcactgccc	ctcaccaagg	atgactcagc	actgccgctc	660
aacagacatg	actcagggat	ggcttagtac	tgcccctcag	cagggatgac	tcagcagggga	720
tgactcagca	ccaccctca	acagggatga	ctcagcaggg	atgactcagc	actgcccctc	780
aacagggatg	actgcagggga	tgactcagca	ctgcccctca	gcagggatga	ctcagcactg	840
cccctcagca	gggatgactc	agcagggatg	actcagcacc	gcccctcaac	aggcatgact	900
ctgcagagat	gactcagcac	tgcccctcag	cagggatggc	tcagcagggga	tgactcagca	960
ttgcccctca	acagggatga	ctcagcagac	tcagcagggga	tgactcagca	ctgcccctca	1020
acagacatga	ctcagcaggg	atgactcagc	accaccctc	agcaaggatg	actcagcagg	1080
gatgattcag	cagagataac	tcggggatga	ctctgattgt	ccttcagcag	ggatgagtct	1140
gttttgctcc	gatggaagca	tctgtagtgt	ccatcagcag	gtgaatggcc	aaagtgggtat	1200
atacttagt	cacattcagc	tataaaaagg	aataaagtat	cgatgcatgc	cacaacatgg	1260
gtgaacctag	aaaatactga	tctaaatgca	agaagccagg	cacaaaaggc	cacatagtat	1320
atgttcccat	ttatgtgaaa	tgtgcagaat	aataataaaa	atgtatagaa	tagcaaattct	1380
gtagggacag	acatgaggtg	agtggttgcc	agaagtggaa	atgggagtta	actataaatt	1440
gcacagggta	ccttacagag	atgatggaaa	tgtcctaaaa	ctagattatg	gcaatagttg	1500
cactacgtga	tcagtttatt	aaaaatcggt	gatgtgtgtg	tgtaaaatgg	gtggatttta	1560
tggtttataa	attatacctt	aataaagggt	aacaaa			1596

<210> 5949  
 <211> 599  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (77)...(438)

<223> similar to gi995526 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5949
actaaatgtg ccagtaccag aaattccagg aaaaacaaga aatttgtttt tgcaattagc      60
caagcatgta gcccagtctc tcaatgtcac ttcattgttat gtatgtggag aagctgtaat    120
aagagatcaa tggccatggg aagcctgaga attagtacct acagtacctg atgaattcct    180
ggctcaaaag aatcaccttg ataatttctg atcctaaaag cctcaattat taaacaatat    240
tgcatagcta gagaaggaaa agaattcact caccgcgtag gatgacttag ttgtcggaga    300
cagaaactgt ataatggtac cacaaaaaca atcacttggg ggagttcaaa tcacacagag    360
agaaaattta gtaaattctc aaagttgcaa actgggaccc acctgggagt cccaccgggc    420
ttgggaacag cccccactgg gatttttact gggatatgtt agggcttgga gcttattgac    480
aggtttactg gaccattggg caggtagttg ttgtttattg ggcactattt aaaccatctt    540
tcttccttac tgcccataa aaacagggca aactccttgg ggtttccctt gttcttacg     599

```

<210> 5950

<211> 3318

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (114)...(1736)

<223> similar to gi755750 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 5950
gagcttgccg cagtctcttc gcggcggtcca ccacttagac gcaagttgct gaagccggcc      60
ggggagaagg tggtgttgcc ggagctgaga cggggcggcc acagtcgcga gggatgaacc    120
tcgagttgct ggagtccttt gggcagaact atccagagga agctgatgga actttggatt    180
gtatcagcat ggctttgact tgcaccttta acaggtgggg cacactgctt gcagttggct    240
gtaatgatgg ccgaattgtc atctggggat ttctttgaca agaggcattg cttaaaataa    300
atthagtgca cacatccatc cagtgtgttc tttatgctgg agccgagatg gtcataaact    360
cgtgagtgtc tccactgata acatagtgtc acagtgggat gttctttcag gcgactgtga    420
ccagaggttt cgattccctt caccatctt aaaagtccaa tatcatccac gagatcagaa    480
caaggttctc gtgtgtccca tgaaatctgc tctgtcatg ttgacctttt cagattccaa    540
acatgttggt ctgccggtgg acgatgactc cgatttgaac gttgtggcat cttttgatag    600
gcgaggggaa tatatttata cgggaaacgc aaaaggcaag attttggtcc taaaaacaga    660
ttctcaggat cttgttgctt cttcagagt gacaactgga acaagcaata ccacagccat    720
taagtcaatt gagtttgccc ggaaggggag ttgcttttta attaacacgg cagatcgaat    780
aatcagagtt tatgatggca gagaaatctt aacatgtgga agagatggag agcctgaacc    840
tatgcagaaa ttgcaggatt tgggtgaatag gaccccatgg aagaaatgtt gtttctctgg    900
ggatggggaa tacatcgtgg caggttctgc cgggcagcat gccctgtaca tctgggagaa    960
gagcattggc aacctggtga agattctcca tgggacgaga ggagaactcc tcttggatgt   1020
agcttggcat cctgttcgac ccatcatagc atccatttcc agtggagtgg tatctatctg   1080
ggcacagaat caagtagaaa actggagtgc atttgcacca gacttcaaag aattggatga   1140
aaatgtagaa tacgaagaaa gggaatcaga gtttgatatt gaagatgaag ataagagtga   1200

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gcctgagcag	acaggggctg	atgctgcaga	agatgaggaa	gtggatgtca	ccagcgtgga	1260
ccctattgct	gccttctgta	gcagtgatga	agagctggaa	gattcaaagg	ctctattgta	1320
tttaccatt	gcccctgagg	tagaagaccc	agaagaaaat	ccttacggcc	ccccaccgga	1380
tgcagtccaa	acctccttga	tggatgaagg	ggctagtcca	gagaagaaga	ggcagtcctc	1440
agcagatggg	tcccagccac	ctaagaagaa	acccaaaaca	accaatatag	aacttcaagg	1500
agtaccaa	gatgaagtcc	atccactact	gggtgtgaag	ggggatggca	aatccaagaa	1560
gaagcaagca	ggccggccta	aaggatcaaa	aggtaaagag	aaagattctc	catttaaacc	1620
gaaactctac	aaaggggaca	gaggtttacc	tctggaagga	tcagcgaagg	gtaaagtgca	1680
ggcggaaactc	agccagccct	tgacagcagg	aggagcaatc	tcagaactgt	tatgaagacc	1740
ttcgaaagttc	ttcatttctt	ctcactttgc	catcatgtgg	cctctggaca	ctgtggtcag	1800
tcatttgaaa	attgacttta	atttaaaaaca	aaggcctgtg	cctcccaccc	aggaggtggg	1860
aggggtgaatt	ttatgtttta	atgaagaagt	gaattatgga	agaagagtat	acgaccttcc	1920
cttccctttc	aagcataagt	ccaaatagac	tctcaggaat	gaagatttgt	gaagacatca	1980
gataggaatt	ttgactcatt	taaactttga	tgcttagtta	tggtgctgga	gaaaagatac	2040
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ctcccatttg	ccttcggtcc	tcaatgcacg	tctttgagtg	acttcttacc	tgaaattttg	2160
ctactgggat	cctaggaaag	cttttggttg	atactctcat	tttaaacttc	tcctctcccc	2220
agatacctcc	tatatctcca	tattgtgtgc	aaaggatggg	caaaaaagaa	agtgcttgaa	2280
agatttcaaa	ttttcagaaa	gggaacaacg	aaggccctct	cttcctctca	taccacgttt	2340
tgctcaagaa	gctgggctgt	aacaattcag	ggttttccct	tgttttcctc	tcattgcatg	2400
tttccctcca	atattgggtc	attgtcatca	atcatgggtt	ttgaagatag	ctagttttat	2460
ccatctccag	caaagaatca	tcaatagttt	atattgcttt	acctgtgctg	gcttcagag	2520
atggaaacaa	acccaggtgt	ctctcaacaa	gctacttttt	tactgggggtg	ggggaatcta	2580
tgcaaggagt	aaagtaaaac	catccagaat	caaagcagca	accacatagt	tcaaatacaa	2640
gatcaagggtg	aattttttgt	atcactgcct	gtggaaatct	atcctcatca	gtcattgcat	2700
ttttccctgc	ctatacctgt	gctccttttt	cttactgtgt	tttcagtcac	ttcctttctg	2760
tgaaagggtg	cttagctttt	tttttgacat	ttgttggtct	ttatataaaa	ataacagatt	2820
ggatagatgt	gtacatttgg	tgtttgaaat	tctctgaaaa	tcccattagg	aaaccagggtg	2880
tgaaaagggc	tcagttagctt	ctctgagtg	cgtttttagc	tgactggaag	tgcttaattct	2940
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gcactttggg	aggccaaggc	gggttgatca	cccaggttca	ggagttcaag	accagcctgg	3120
ccaacatggt	gaaagcctgt	atctatttaa	agacaaaaat	tagctgggcg	tggtggtaca	3180
tgctgtaat	cccagctaca	ctggaggctg	agtcaggaga	atcacttgaa	cgtgggaggc	3240
agaggttgca	gtgagtgagg	atcgcaccac	tgccctccag	cctaggtgac	agaatgagac	3300
tctatctcaa	aaaaaaaa					3318

<210> 5951

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (452)...(11)

<223> similar to gi332565 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5951

gtgggtggaat tgcgagcgcg tgtgcctgga ggcggtgcag tgctcgacgg cctcgggcgc 60



tgaggtgaag	ggctccggcc	gggtgctcag	ctgccctggg	cccagggccg	tgaccgtgcg	120
ctacaccttt	accgagtggc	gctccttcct	ggacgtgccg	gctgagctgc	agcccagagcc	180
gctggagcca	cagcagccag	aggcacccgc	tggggcctcc	gagccagggg	ccgggggatgc	240
caagaaagag	ccaggcgccg	agtgtctcca	cttctcgctg	tgccctgccc	cgggcctgca	300
gcctgaggac	gaagaggacg	ccgacgagcg	cggcgtcgcg	gtccacttcg	ctgtctgcta	360
ccgtgctgcg	cagggcgagt	actgggacaa	caacgcgggc	gccaaactaca	cgctgcgcta	420
cgcgcgccct	gcggacgcgc	tctgagcctg	gagagtctcg	aagagccgtg	gggcgggggtt	480
gattagcacg	tggagctcgg	gctgccgcct	caaggaaactt	gctgggacgc	tttgctgagc	540
gtggcgagtc	tggcgtgagg	ggcgcggtgga	gggaaaggag	ggagactttg	aaccgtcgac	600
tgcaccccc	gcagacaagt	gagcgagctt	agagagcccc	ggcaatgctc	cgaaagcctc	660
tgacctcagt	cttctcgctc	gtttgacctt	cctacaaggc	ctctagaatt	cccagcctgc	720
gtcagagtag	gaagaaactt	ccaaggcccc	gagcagctgc	ctccaagaaa	aaggctccca	780
actcccgggc	atggttctaa	ggccttggga	ttggttttta	actctaaata	tcatattgta	840
gcccttgtag	tttgctggag	a				861

<210> 5952

<211> 1345

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1210)...(845)

<223> similar to gi595915 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5952

tttttttttt	ttcacaatga	ttgtacttta	ttgatgtgtt	acaggaggta	aggactttct	60
gcttaaaaata	tttaaaattt	acatgtgcac	acaaacaaac	acaggttccc	ccacccatgg	120
ggaagggcga	gatgactctg	aataaaaggat	ggaggagaag	aagaggggtg	agacggaggg	180
cccttgaccc	ctacaggggc	agcaggataa	ggaatagagt	ggggcagaag	gtgggttatt	240
aagaagcatc	ttgcttactg	acatgaagcc	acgtgccccg	cgagagcaca	gatgaggcct	300
cattggcgta	gaggaggccc	ttggagggca	ggcacacggg	gcccaactag	ccagccaagg	360
ccaacgtccc	aggggtaggg	cggaagtggg	gtggcgtagc	cagggcaccc	agcccaggcc	420
tctgctgccc	ccacctccct	ccccaccctt	tgagagaaaa	gacggtttgg	gcctcagcca	480
cggaccgacg	ccgttaccgg	cagcgtctcc	tgaaactaca	gagatacaat	gtgtatcaac	540
aggggtgatcg	cttctgaccc	actgaggcag	acagctagag	gtgctgcatg	ggccagaacc	600
aatcctacag	tatctttggg	ttgtgggttt	ccttcccagc	ttgaatcctc	cctctgtcca	660
gcctctgggg	tgggcctcag	ggctgggaat	gggctgctca	atggcccaaa	gccagccctg	720
acggcccttg	gaggctgggg	gtgctgccct	tgccagccac	aggcagctta	ctcactgggg	780
tgctgggact	tgtaggagag	gatctcggca	gccagctgct	gggggtccag	gagctgtggg	840
aagcgcccca	tcacagcctc	caccagggtgc	gggggaaaca	caccacacag	cttagtatac	900
acgctggcct	gctccttggc	caggctgcct	gccctgcccc	acgggctcct	gccagcccct	960
gggctctgca	ctgggggctc	ctgaaggact	gatgtgggtg	ggggcagtg	gtatggttca	1020
gaccagtact	ctcgagggtg	aaaggcaggg	ggcgcggtg	ggtagtcggc	agggacactg	1080
aagtggccag	cacccatggc	ccggccaaag	gcagagaagg	ctgcgggtgg	tgggagctca	1140
gatccatagg	gactgtagcc	cgtgtaagg	gctcgggtg	ggcccggctc	accagggcct	1200
cctcctcgaa	ccccccaaag	ttccgacatc	tggctctcca	gggagccaat	gcccaggtcc	1260
aggcaatcct	gggagacgta	cgggagtgg	tccagcgtct	gtgggagcca	gtctgtgggc	1320
ccgaattcca	ccgactgta	ctagg				1345

<210> 5953  
 <211> 1346  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1306)...(399)  
 <223> similar to gi535586 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5953

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acgcgtgcag	tttaaggcaa	aagctcagca	aacccagccc	ccaggattga	ggagctcccg	120
cccccccatg	cagctggact	ccacctcagc	agaggacacc	agtcagctc	tcagcagtgg	180
cagctctaag	cccaggggtg	ccatcccgat	ggtccgcata	ctggccccag	tcctggtgct	240
gctgagcctt	ctgtcagccg	caggcctgat	cgccttctgc	agccacctgc	tcctgtggag	300
aaaggaagct	caacaggcca	cggagacaca	gaggaacgag	aagttctgcc	tctcacgctt	360
gactgcgag	gaaaaggaag	ccccttccca	ggcccctgag	ggggacgtga	tctcgatgcc	420
tcccctccac	acatctgagg	aggagctggg	cttctcgaag	tttgtctcag	cgtagggcag	480
gaggccctcc	tggccaggcc	agcagtgaag	cagtatggct	ggctggatca	gcaccgattc	540
ccgaaaagctt	tccacctcag	cctcagagtc	cagctgcccc	gactccaggg	ctctccccac	600
cctccccagg	ctctcctctt	gcatgttcca	gcctgacctc	gaagcgtttg	tcagccctgg	660
agcccagagc	ggtggccttg	ctcttcgggc	tggagactgg	gacatccctg	ataggttcac	720
atccctgggc	agagtaccag	gctgctgacc	ctcagcaggg	ccagacaagg	ctcagtggat	780
ctggtctgag	tttcaatctg	ccaggaactc	ctgggcctca	tgcccagtg	cggaccctgc	840
cttcctccca	ctccagacct	caccttgctc	tccctccctg	gcgtcctcag	acttagtccc	900
acggtctcct	gcatcacgtg	gtgatgaaga	ggagcatgct	ggggtgagac	tgggattctg	960
gcttctcttt	gaaccacctg	catcccagcc	cttcaggaag	cctgtgaaaa	acgtgattcc	1020
tgggccccac	caagaccac	caaaaccatc	tctggggcct	ggtgcaggac	tctgaatttc	1080
taacaatgcc	cagtgactgt	cgcacttgag	tttgagggcc	agtgggcctg	atgaacgctc	1140
agaccctcc	agcttagagt	ctgcatttgg	gctgtgacgt	ctcccacctg	ccccataaag	1200
atctgctctg	tctgcgacac	caagatccag	ctggggactc	ccctgaggcc	tgctaagtc	1260
caggccttgg	tcaggtcagg	tgacattgc	agggataagc	ccaggaccgg	cagagagtgg	1320
ttgcctttcc	atttgccttc	cctggc				1346

<210> 5954  
 <211> 1632  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1633)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1452)...(496)  
 <223> similar to gi3450828 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5954

tttttttttt	tttttttttt	acaaaagcca	tctctcttta	gtgttttcat	tcctgcccgt	60
tcaaaccagt	ttgtgcaagc	tgaggatgag	tgggtttttg	gaaccgggag	gcagagcatc	120
tgggggacaa	gacccctcct	ggaaaatggt	cctnatgcaa	cactgctgaa	ggctggttag	180
acttgagaag	caattgaaca	ataaactcta	cagaacctgg	aaaatgttca	aaagtgtcaa	240
ggtggcttct	ggctgttttc	ctgcctccct	gtgggggggc	agttataccc	atcagtcctg	300
tgcaaaggtc	ctgggggactg	gcccaggggc	agccggattc	ttccgctggg	gacaggaagc	360
ttgtccttgc	ttaaccccaa	gcagaagcca	tgccaaatgg	aacaaggttg	ctcgggttgt	420
gtgcccgaag	gtgctgtggc	cccccaaac	tccgtggctc	ctcaaagcaa	tgtctttcat	480
cctgtctcta	tgttatgtcc	gccccttttg	aaaagtgttc	attcaagggt	gtaggtttcc	540
ttgagaatth	tgtggatctc	ctcgagtgca	agcctgtgga	agtatgcttt	tcaagataac	600
gagggcatgc	attgtccatg	ggaggaggag	gagggcctgg	ttgagctgca	cagcttccac	660
ttgttcttcc	gggcccacgt	ctccggcttt	cagtggggga	aagaggttgg	gaaaacctga	720
actctcaatg	cccctggaac	atctcggtgc	ttgttggtga	aagggcaagc	actgtggtgg	780
cgcttgactc	ccggacaagt	cccagcaagc	ccccagggtc	aaggctctcc	atgaaggcga	840
aagctgacgc	tttggaatgt	gcaaattaat	cgaatggcac	cgggggaatg	gcaagaacaa	900
tgcccagcaa	cggaagtga	aggcaacacg	aatgtggcca	ttctgctgtt	tccagcataa	960
cttgccagag	aagggcccct	ggtggttcca	aaactggccc	caggggtgtg	atgtgttggg	1020
acttgaggag	ggcatcatca	tcaactgtcca	ttaggccctt	cccatggacc	acggcggtcat	1080
tgttcaccag	gatggtgatg	tcacccacct	tctcccggac	ggccttggcc	gtctggtaca	1140
cctcctcccc	ggtgcccaca	tcacagatga	agtaatggca	ctcagtggcc	atctgcccga	1200
tctcctccgt	cgtctccttc	aggcatttct	cagtcgggcc	ccagagaaca	atctttctgg	1260
cgccgcgctc	cgcgaaactcg	cgggcgagct	gacgcccgat	gcctctcccc	ccgcccgtga	1320
tgaggacgtt	ctcccgcgac	aggtcccgcg	gcttggcggg	cagcaccagt	ccgacggctg	1380
ctttcaccac	cagatagatc	atctgtagag	ggaacatcac	cagcgcgccc	agccgtttcc	1440
acaccatcct	ccgcgcgcgcg	gagccgggca	gggggcgaaa	ctccccgggc	cgagcaatac	1500
aggaattaaa	aaacaccccc	aacaataaat	agtaaaccga	ataaggagga	gagaggcgtc	1560
ccacctggcc	actcttgaaa	tcacctcttc	ccaaatgcaa	agcaccgggt	gagaaaaaga	1620
agaaaaaaaa	aa					1632

<210> 5955  
 <211> 1771  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (905)...(307)  
 <223> similar to gi2047353 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 5955
tcactattcc atgtggcgga attcgcgcac agtaagggag aatgtgggga ctcagagcag      60
gagccttttg agtcagagaa gttttccaga aggaacatct aagcagagcc cggctaggca      120
aagtgaactg ccatggcgag ggcctggaga cttccagaag cgtgataact gctcttaatt      180
gttcaaccct caccaggagc taagccctgt gaggtgggtg ctattagggt ccccatctta      240
cagatgagga aactgaagct caggaagtct cctggctcgc cagcaaggca gctggagggt      300
gctgacctcc gagggaggcc ccagccaagg tgggtgctga gtgggcgccc cctcctctcc      360
cctctcaggc ccagtaccgc cgaggcctgg agctgtccaa gcaggccgct cagctgggag      420
ctacagccag aggggctggg gaggcagaac gtgcagagtt cccagagctg gcagcctttg      480
cctctaccca gcgggccttc caggctgagc tgaccactt ttacatggcg gccgagcggc      540
aacgcacgga cctcgagacg ctgctccacc tgcaccgctt ctgcaagagg atgacctggt      600
tccacatgga ctgtcaggac ctgatggccc agctcaggct ggacaagacc tcaagggtca      660
gtcctgggga ccagcgccgc ctccaccgct acctgcagcg actggcatct gatttccttg      720
ctgagaagct cgcagccgtg gggctgcagg tggcctccct gagccgggca ggcctgggcc      780
aggagctatg ggaggaggcc cggatcaggc atgaggagat ctggatgctc ctggagaagg      840
cactgacca cagctcttgc ccagaggctc cagctgctca ctcagcgcg ccagaacgaa      900
gaggggtggc agccaagggc caggggtgtga gtgtagaggt cacttccaag gggagggtgg      960
atcagcctcc actagactca ctgggcatgg accatttgcc aaagtcctat tggcttctca     1020
ggagctgtct cagccaagag tcacacactt gatacctaaa atggcttcag gaatcttcca     1080
agactgaaga cttccccagg tgtggtctag ggctgcctg cctcagagcc atgagcagag     1140
ccggtcaaaa ggcttcctag ggaatcctac ccagacatt aaaatagact cttgggtgctg     1200
gcagggtggc ggaatctgcg tttgtagcca agtgctcttc ctgtgtgact cagcaaagtg     1260
ggggtgcatt tggggaacac ccggggctgg ggctgagtc ctccaccaa agccaggttt     1320
gattcttgca ttcccctccc tgcttccat ccagacaggc ccaaggatgc aagaggcggt     1380
gatcagccca tctccatcca tgctgttgc ctcagagagg gccgacggct tttaaaatgc     1440
tgttgccata gcaacagcat tccagccagt ggggtaccaca ggcagggagc cacagaaact     1500
ggggtgctgg gatggaaact gacttgtgag agaccacagc tactgctaga aggaaggggg     1560
gcaaagcggg cacaggtaat ctaagaatac ttgggcggga ggagtcceca aggttacctt     1620
gtgcatccct ctgtccccag aaagaactgt accccaacaa tctctcccct cactgcatcc     1680
cctggggaag aagggaatgc agaaatgaaa tgtcataatg agtaacaatg tataaaaata     1740
tcgaataata acagctaaca tttcttttgc a                                     1771

```

<210> 5956

<211> 979

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (927)...(0)

<223> similar to gi386923 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5956
atttgacata gatctcttaa agggaattta ttgcttccat ggagatttta gatccgatgt      60
tactgagggg aattaggtag ctgggcggct ttaccccagg catctcttag taggtaaaca     120
ccttcctttt caggatggga ttcacaaggg cccttggtcg tctggaagca ccaactgaac     180
gcaggcctcg gatgatcaag acggccccca ccacaatgcc cacgaggccc acagacaacc     240
ccagggcgca gaccacacgt ctctgtgagc tctgactaag gttgttgga tctcagctcc     300

```

ccagtgtttc	agaagaggct	caaaccaggc	ccccagttgc	tccacctttg	cagttcataa	360
atctcatcat	tcaaaaggga	aggaagggga	ggtaacctga	tcttgaagaa	ggaaatgatc	420
actcttttga	gaggaaggcc	tggtctcaga	aacaccttct	gtgactgagt	gcccattgct	480
cagccagggtg	atgttgacca	caggaggaaa	gatgttgctc	acaagacaga	tgaggggtgtt	540
gggctgacct	agtgtcacgg	gagacttgga	aaacactgtg	acctcaggaa	cctcattggt	600
agcagcggtg	gagttggagc	gtttaatcac	gatgttcaag	ttatgtttta	gcacagcgat	660
gtttgtcagt	gcaaattgcg	ggtcaaattc	tctaaatctg	cggaacagag	gcaactgcca	720
gacagtctcc	tctctctcca	ggtccacata	gaactcctcg	tctccatcaa	attcatggct	780
gtactgcccc	gagggaccat	aagactggta	caagtttaca	ccgtaagagg	caacatggtc	840
agccacaatg	tcttcacctc	cacaagggtc	catcacgggtg	gtcagggcga	gggccccag	900
catcagagct	ttgttttaga	tcattcctct	cccaaggcag	cctcagcagt	tgctgttctg	960
agcgaattcc	acgcacact					979

<210> 5957

<211> 1682

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (285)...(1476)

<223> similar to gi6002678 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5957

tttttttttt	ttgatggagt	cttgctctgt	cgtcaggctg	gagtgcagtg	gcgcgatctc	60
ggctcactcc	aacctccacc	tcccgggttc	aaaggattcc	cctgcctcag	cctctcgagt	120
agctgggact	acagatgcgc	gctaccacac	aaggctaata	ttttgtatth	tagtagagac	180
gggatttcac	catgttggcc	aggatgggtc	ccgtctcctg	acctcgtgat	ctgcctgcct	240
tggcctccca	aagtgttggg	attacaggca	taagccattg	cgccatgctc	aaggttctta	300
attacatctt	taaaggccct	ttttccatgt	acagtaacat	attcaatggt	tctggggatt	360
aggacttggg	gccattattc	tacctacaac	aattagtatt	ggacttccat	cattttctat	420
cactcttgta	atcgagaacg	gactatttca	ctgggagtag	caagtcataa	tgtttgcgtt	480
ggcatttgtg	tgggggttta	tcttcattca	ttaaataatt	gcatgtaaag	aaaattcctg	540
tcactatttc	aaatgtttca	tgtagttatt	atagtgtctc	agaatccaaa	gggttatgtg	600
ttacttatgt	aagatgagca	gtctaggggg	tggagaacag	gtcatctagt	gcagattctt	660
cctagctgaa	gtgtgttttc	tctggggaca	accaagtagg	atttaattgt	tttgcttcct	720
tttttgggaa	cttagaccca	tcttgcgatg	tcctaagtct	ccaagcatct	tatttgacct	780
gcttatacac	atthtgactaa	atagctaaat	atgaccacat	tgacgtggta	aagctttaac	840
acttttgtcc	agattgaatc	actccatctg	ctatcagtta	agcagtggaa	aactgttatg	900
gaaaagcaaa	catgttttga	tagatttaat	gtgtaaagaa	ggtatccata	ctctggaatg	960
ctgctgatca	ataaatgagc	tgcaagactt	tgttcgaaac	aacactcaag	cacaactgtt	1020
ttactttcca	taccaagttt	ggctgtgact	gaaatgaaga	acatcagcat	tgatctttgc	1080
tttgacttgg	tacaagagac	tatttgcaga	gagccaaata	taggcaacag	aggatttaat	1140
atcttgccaa	aaaatacaaaa	atctgttccc	cttttaaagca	tggacactct	atcctttctt	1200
gtgggatctt	ggctaaaaagg	aaaatatagg	cttttaaact	cccctatttc	cttctgttga	1260
aagcttaaga	atcttttttca	aatgagctat	gtatggtttt	gtggattttt	atgtttccaa	1320
aagaaaaatgg	ctacatgaaa	aatctgtcca	gtgttatcat	ttttcttaca	aaaaataactt	1380
ctagttatgg	ttgtattaat	taatttgatt	gtgataatga	ttacacaatg	tttacctata	1440
tcaaatcatc	atatcgtata	ccttaaatat	atataacttt	tatgtgtcaa	ttataactca	1500

gtaagtctgg	gaaaatatcg	ttaagtcaaa	gattagagtc	aacagaaata	aagaaaaatc	1560
atactttgat	aacttcagga	ctaatacagg	atcaatgggt	gacatgatat	catgctatgt	1620
gccattttgt	gttaaacaaa	ttacaccaac	aataaaaaaa	attggcttca	atcaaaaaaa	1680
aa						1682

<210> 5958  
 <211> 1188  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1024)...(585)  
 <223> similar to gi3169120 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5958						
aggacggggc	ccctccatac	ctggcccttt	cccgatgatg	taagggtggca	cggccctgaa	60
aatatatggg	gtagttatcc	cacccccgcg	ggcagagatt	caggaggggg	gattgtaaga	120
gacgccctcc	tctgtacgct	cgatataaag	agaagtcctc	tcccatccct	cccatgtccc	180
tttatgatat	attgagacag	ctcagtaa	attttctaaa	attatttacc	ccctgggggc	240
agagcctgag	cagggaggat	gataagggat	gccggcctct	gtatgattga	aataaagaga	300
aataaccaac	tctagcagct	gtgagtcatt	ctgaaagatg	tagagaatac	agggactaga	360
agcgcttata	ttctcccacc	aaatttgc	acatgacaaa	aaacaggcaa	aaggcagaga	420
gacccaaaga	cgggatttat	tgggggcccc	agtcatcacc	tggaaagtca	agaaagcctt	480
tgaagtattc	gcggggatct	tcatgatgag	caggaacagg	gctcatcatg	gcaaggactg	540
tgaataaaagt	caaaaaactg	aactctgttg	acctgggcgc	acccactgc	aggtaacgga	600
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acagaacgaa	acaaaatctg	tccaaaagct	gggaacccaa	ggaaactttt	gggtttttaa	720
tccatccatc	cagcaacctc	aactgtcttc	ctcgatcttc	cctttccact	catagatgga	780
tgtaatctga	gggatgaggt	tgacgcaggc	tgctaggcgc	ttctccacca	cggccctggc	840
gatctccttg	gcgaccttct	cgttggggca	agtaacaaag	gctgcagaga	ccgagcccgg	900
aacgtagcca	gagccggaat	ccgaggccgg	cgagggtctg	gtcggagggc	ttccagaggc	960
catggtcagc	aagactcggg	gtagcaacaa	aaggcgggag	gccacaggca	gcagcgccgg	1020
catccaaaca	aaagacagga	gcagagaggc	cactccgccc	agcaggaccg	cgggagcccg	1080
ccccccactc	atgcggccta	cgctggtaca	ggagagttga	tctcaaaggc	cacacgtcac	1140
acggagaaac	aaccccagga	agagcggcct	cttcttacct	gggtggca		1188

<210> 5959  
 <211> 2167  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (559)...(1470)

<223> similar to gi416520 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5959
ggaaccgctg ggagccgggg cccagcgctg gaggacggag cgcgctgagc gagggggagg 60
tggttgccgc ttctcccgcg tccgccattt tgttgctgtg gctattggga acaagctggg 120
caaaagcacc cgggagggcg gacgtcctt cgagttcggt gcctcgtgtg acggcggggg 180
tcggtgaaga cccgtcgagc tgcggcgccg gcgcttcca ggccgggagt cactggaggc 240
accctggggg acgcccagca gcccagaaac cccgggggtg cctccgctgc ggctcggggt 300
tgcctgcccc gaccccccg cctcgccgtg cattcccggg cggtctcttc cgtgtggcgg 360
ccccggagca ggccggcggc gtccgaggat gctgcggggc cggagccgag aggaaagtgc 420
tgccccagcc ctctgagcgc tcttcgaggt gtgcgagagg cccttcctcg gccccaaagc 480
cgtctgcccg gctaaggcgt gcagagcagg cgaggacagc cgccgcccct accgcccagc 540
agtccccggt ccaacaccat gtctccgccc aggttcgact cctcggaacc ctccgcctgg 600
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gaccaggaat ttgaccattt gccggccctg ctggagtttt acaagatcca ctacctggac 840
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cctctacctg cagtttccgg ttctcctggg gcagcaatca cccctttgcc atccacacag 1260
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tgccttggca ttagaggttg gtgacatcgt gaaagtcaca aggatgaata taaatggcca 1380
gtgggaaggc gaagtgaacg ggcgcaaagg gcttttcccc ttacgcacg tcaaatctt 1440
tgaccctcaa aaccagatg aaaacgagtg attgctgttg ccctgtttcc tgetgctttg 1500
ttgttctgce tgctctagtc tcttttgaag tgggaaagca ttttctctca taggcaagtc 1560
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cacacagcgg ctgcctcctg atgtttgtat catagtcgta ttgtgcaaag agtagccgat 1680
tttagagttc ttttgatcca taaactggaa atactgatgg aagcacacaa gtggagagaa 1740
gttgacgtgg aaagggtctt cttctcatt gctgcccgtt tgtacatggg actgattctg 1800
tcgtgttcac cagagaaagc ttgaggccat ggcgagatac tgcattgttg ctgttccaca 1860
aagcagtggc ttagctgcca tcttgctttt ctttggaaca cagggaagtga acctgggggt 1920
ggggaggtgg ggacagagcc gggcgagtc gggggcacag ccctgaggcg gggctgaggg 1980
ccaggccgccc accctcctgg accctgaaaa cgggctcgga ccccgctgc agcgtggact 2040
ccggtgtggc cgcggggcgt gcaaccggga ccctggccag ctccgtgtcc tccagacctt 2100
tactcatggc ccgcgacgc caggccgagc tgcacctcgt gtccccgccc gcggcagccg 2160
aggtagg 2167

```

<210> 5960  
<211> 1295  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1257)...(861)

<223> similar to gi975687 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5960
tttttttttt ttaaggttgt tggaaataat ttttatttaa cagatataaa aaaaattcct 60
aacatttaca aattgtacaa agattggttag cttttatatt tttttaaaaa tgctatacta 120
agagaaaaaa caaaagacca caacaatatt ccaaattata ggttgagaga atgtgactat 180
gaagaaagta ttctaaccaa ctaaaaaaaa tattgaaacc acttttgatt gaagcaaaat 240
gaataatgct agatttaaaa acagtgtgaa atcacacttt ggtctgtaaa catatttagc 300
tttgcttttc attcagatgt atacataaac ttatttaaaa tgtcatttaa gtgaaccatt 360
ccaaggcata ataaaaaaaa aggtagcaaa tgaaaattaa agcatttatt ttggtagttc 420
ttcaataatg atgcgagaaa ctgaattcca tccagtagaa gcctctcctt ttgggtaatc 480
tgaacaagta ccaaccaga tagcaacatc cactaatcca gcaccaattc cttcaciaag 540
tccttccaca gaagaagtgc gatgaatatt aattggtgaa ttcatttcag ggcttccttg 600
gtccaaataa attatagctt caatgggaag aggtcctgaa cattcagctc cattgaatgt 660
gaaataccaa cgctgacagc atgcatttct gcatttttagc cgaagtgagc cactgaacaa 720
aactcttaga gcactatttg aacgcattct tgtaaattga cactccgcaa ttttcccaag 780
atctatgcca taattcaatg aactccatga acactgcttg tagttgggtg tccaggactc 840
ctcaaagctt tccctcagac attccccctt ttctcctttg aatccatccc gacctgggat 900
cccaggtgta cccggaatgc cattggcccc agggctcccg tctcgaccag gcactcctgc 960
tggcccttgt aagcacattc cattatacag gtccaccacc tccctctgcc ggagctgcgc 1020
cttttgcttc cccttgggga tctcagaggc gctcgacggc gcgggcagct gcagcagcag 1080
gagcagcagg aggcgcgga gccgctgcgg ggaggcggcg gggccctggg gtgcgatggc 1140
tcccggtgc cgggcagcgc ggagctggag gcggaggaga ccgaggagag gaacgtggtc 1200
agcgtctggc tccgcgcgc tccgaggcgc ccgcaggctg catcaatgcg cctttcaccc 1260
gagcgctctc ctccctccct taattcctcc cgccc 1295

```

<210> 5961

<211> 5694

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (207)...(2938)

<223> similar to gi577301 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 5961
ggtctacgaa gaccaagtgg gcaagtttga ttggagacag caatatgttg ggaaggtcaa 60
gtttgcctcc ttggaatttt cccctggatc caagaagttg gttgtagcca cagagaagaa 120
tgtgattgca gcattaaatt cccgaactgg ggagatcttg tggcgccatg ttgacaaggg 180
cacggcagaa ggggctgttg atgcccattg tgctgcacgg acaggatgtg atcactgtgt 240
ccaatggagg ccgaatcatg cgttcctggg gagactaaca tcgggggcct gaactgggag 300
ataaccctgg gacagtggca gtttccaggg cacttgggct cggttggcct gcaggagtct 360
gtaaggtaca tccgcagtcc tgaagaagac tacacttgcc ctccatcacc tctccagtgg 420
gcacctcaag tgggtggaac atcttcccag aaagttgaca gtttccatta ccagatggtg 480

```



taatcttaac	ggctctgggg	tgggtgtgggc	ccctcggagt	tgttcccttc	agcccatgtg	540
aacattgtca	agtttaatgt	ggaagatgga	gagattgttc	agcagggttag	ggtttcaact	600
ccgtggctgc	agcacctgtc	tggagcctgt	gggtgtgggtg	atgaggctgt	cctgggtgtg	660
cctgaccgga	gctcacgttc	cctccaaact	ttggctctgg	agacggaatg	ggagttgaga	720
cagatcccac	tgcagtctct	cgacttagaa	tttggaaagt	gattccaacc	ccgggtcctg	780
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<210> 5962

<211> 2014

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1452)...(2009)

<223> similar to gil420583 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5962

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tttcagacaa	cagggtccaa	aagacttcac	agctcaatca	tgacgaacat	gtggctgttt	240
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tctcaccaac	cagcacaccc	gcacatcac	tctccagaag	tcggagacgg	acaaattcac	1980
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<210> 5963

<211> 542

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (463)...(403)

<223> similar to gi4678534 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5963

gacgtccggg	tttaccacag	cgctccgcca	cgcgtccgaa	gtgctgaaga	aggtactgga	60
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agggaatgcc	cagattgagc	tggggcagat	ggaggcagcc	ctgcagagcc	acagaaagga	180
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ag						542

<210> 5964  
 <211> 1224  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1206)...(51)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5964

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tagctgggct	tggtagtaca	cgctgtaat	cccagctact	acttgggagg	ctgaggcatg	180
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gaggaagacc	ctgtctcaaa	aaaa				1224

<210> 5965  
 <211> 8182  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (225)...(7912)  
 <223> similar to gi2181867 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 5965

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tggtacttca	tcttctatat	gtggactata	atcttctccc	ttaggataac	tacataaaga	180
gacaaaaaaa	agaaaaaaga	gcaaagatct	gtgctgtgtc	aagtatgaca	gccatcactc	240
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<210> 5966

<211> 5332

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (506)...(4870)

<223> similar to gi407099 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5966

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<210> 5967

<211> 1679

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (85)...(1199)

<223> similar to gi4972090 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5967

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<210> 5968

<211> 1442

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (468)...(1241)

<223> similar to gi554204 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 5968

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